SK361
A25H
#369

Special Scientific Report: Fisheries

#369

COUNTS OF RED TIDE ORGANISMS, *Gymnodinium breve*, AND ASSOCIATED OCEANOGRAPHIC DATA FROM FLORIDA WEST COAST, 1957-59

LIBRARY

MAY 29 1961

FISH & WILDLIFE SERVICE

SPECIAL SCIENTIFIC REPORT–FISHERIES No. 369

UNITED STATES DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE

United States Department of the Interior, Fred A. Seaton, Secretary
Fish and Wildlife Service, Arnie J. Suomela, Commissioner
Bureau of Commercial Fisheries, Donald L. McKernan, Director

COUNTS OF RED TIDE ORGANISMS, *Gymnodinium breve*, AND ASSOCIATED OCEANOGRAPHIC DATA FROM FLORIDA WEST COAST, 1957-59

by

Alexander Dragovich, John H. Finucane
and Billie Z. May

United States Fish and Wildlife Service
Special Scientific Report--Fisheries No. 369

Washington, D. C.

January 1961

Digitized by the Internet Archive
in 2025

https://archive.org/details/noaa-technical-report-nmfs-ssrf_1961-01_369

CONTENTS

	Page
Introduction	1
Methods	2
Sampling techniques	2
Enumeration of *Gymnodinium breve*	2
Chemical analysis	3
Acknowledgment	3
Literature cited	3
Explanation of column headings	4
Station data	7
Part I - Anclote Key to Florida Bay	7
Part II - Tampa Bay and adjacent waters	103

FIGURES

1. Index map of southern Florida with areas A-D outlined 9
2. Tampa Bay area showing station locations for Part I 10
3. Charlotte Harbor area showing station locations 10
4. Thousand Island area showing station locations 11
5. Florida Bay area showing station locations 11
6. Index map of southern Florida with outline of area sampled in Part II 105
7. Tampa Bay area showing station locations for Part II 105

COUNTS OF RED TIDE ORGANISMS, Gymnodinium breve, AND ASSOCIATED OCEANOGRAPHIC DATA FROM FLORIDA WEST COAST, 1957-59

by

Alexander Dragovich and John H. Finucane
Fishery Research Biologists
and
Billie Z. May, Analytical Chemist
Bureau of Commercial Fisheries
U. S. Fish and Wildlife Service
Galveston, Texas

ABSTRACT

This report consists of oceanographic data and counts of the red tide organisms, *Gymnodinium breve*, for the period from July 1957 to January 1960. Methods of collecting and analyzing samples are described. Data on water temperature, water transparency, cloud amount, salinity, copper, inorganic phosphate, total phosphorus, and nitrate-nitrite nitrogen are presented. These data were collected as part of a study on the distribution and incidence of *G. breve* and related ecological conditions and extend the records reported in a previous paper from 1954 to 1960.

INTRODUCTION

This presents counts of the red tide organism *Gymnodinium breve* Davis with associated oceanographic data. It is the fourth report on field studies of the Florida red tide by the U. S. Bureau of Commercial Fisheries. The first two reports were by Graham, Amison, and Marvin (1954) and Marvin (1955a). The third report by Finucane and Dragovich (1959) described the background and objectives of the present red tide investigations and recorded counts of *G. breve* and associated oceanographic data from 1954 to 1957. The purpose of these four publications, covering collections from 1949 to 1952 and from 1954 through 1959, is to make the basic data available.

Most of the earlier publications dealing with the red tide phenomenon in Florida waters are listed by Hutton (1956). Ingle et al. (1959), Bein (1957), and University of Miami[1] represent more recent reports.

This report consists of two parts. Part I includes data from 81 stations (figs. 1-5, pages 9-11) within the 10-fathom curve extending from Anclote Key to Florida Bay. The data in Part II were obtained from 38 stations (figs. 6 and 7, page 105) located in Tampa Bay, adjacent rivers and neritic waters extending to the 20-fathom line.

The collection of data presented in Part II was initiated after a careful review of past red tide investigations

[1] Red tide studies, final report. Marine Laboratory, University of Miami, Coral Gables, Florida, 1957, 14 pp. (Report to the Florida State Board of Conservation, 57-18, unpublished.)

at a symposium of specialists in marine biology held at the Galveston Biological Laboratory on March 5-7, 1958. It was agreed that an intensive field study in a smaller geographic area might lead to a better understanding of red tide outbreaks.

Most of the station locations are in areas in which high concentrations of *G. breve* have been observed. During the period of this report two outbreaks of red tide occurred. The first, commencing in 1957 and lasting from the end of September through December, occurred chiefly in coastal waters and bays from Anclote Key south to the Shark River in the Florida Everglades. River mouths were affected to a lesser degree. The second outbreak occurred during September through December of 1959 in the coastal area between St. Petersburg Beach and Cape Romano. Both outbreaks caused heavy fish mortalities.

During the 1957 outbreak of red tide, experimental application of copper sulphate as a possible control measure was used in the coastal areas from Anclote Key to Cape Romano by the U. S. Bureau of Commercial Fisheries in cooperation with the Florida State Board of Conservation. Copper sulphate was distributed from planes, boats, and bridges in these areas. The results of the large-scale test in the St. Petersburg area were reported by Rounsefell and Evans (1958). As a result the copper concentrations recorded during this experimental application may not necessarily represent the natural levels of this element.

METHODS

Sampling techniques

The collections of water samples for determination of salinity, copper, total and inorganic phosphate-phosphorus, nitrate-nitrite nitrogen, and abundance of *G. breve* were made as described by Finucane and Dragovich (1959), except as indicated below.

For the data presented in Part I, the surface water samples were collected with a polyethylene bucket and subsurface samples with a weighted polyethylene container. In Part II, all water samples, except at river stations, for salinity, nitrate-nitrite nitrogen, and total and inorganic phosphate-phosphorus were collected with reversing Nansen water bottles. To eliminate metallic contamination, the water samples for *G. breve* counts and copper analyses continued to be collected in polyethylene containers, which were replaced during this investigation by modified Van Dorn sampling bottles (Van Dorn, 1957). Weighted polyethylene containers were used to secure all samples from the river stations. Water samples were collected from four evenly spaced depths, including surface and bottom. At river stations they were collected from surface and bottom only.

At all stations represented in Part I and at the river stations in Part II, water temperatures were measured with a mercury thermometer to the nearest 10th of a degree centigrade. In Tampa Bay and neritic stations in Part II, the water temperatures were recorded with a thermistor (Whitney underwater thermometer, model T65) to the nearest 10th of a degree centigrade.

Enumeration of *Gymnodinium breve*

Water samples for *G. breve* counts were usually examined within 24 hours after collection. All of the samples were concentrated (the organisms given time to move to the surface of the sample) under 40-watt fluorescent lights. Satisfactory concentration of the organism was obtained with lights 14 inches above the flasks. The period of concentration at room temperature was usually 16-18 hours and never less than 4 hours.

Sample aliquots were examined for living organisms with a stereoscopic, inclined binocular microscope equipped with 18X wide-field eyepieces. For general detection and for counting of both concentrated and mixed samples, magnifications of 54X and 144X were

used. The technique was as follows:

1. After the samples had been concentrated, three to six 1-milliliter aliquots were pipetted from the area just beneath the surface of the water sample and each was deposited in the depression of a 3-depression microplate. Only one aliquot was taken during the blooms of *G. breve* when high concentrations of the organism visibly discolored the water sample. If no *G. breve* were found in these aliquots, the water sample was assumed to contain no *G. breve*, and the count was recorded as none (0). The symbol "P" is used to indicate the presence of the organism in the concentrated sample.

2. If *G. breve* were observed in the initial concentrated aliquots, the flask was inverted several times to redistribute the organisms throughout the sample of water in preparation for the mixed count. The counting technique assumes that after several inversions of the flask *G. breve* are randomly distributed. Then, depending on the numbers of *G. breve* per milliliter in the examination of the concentrated samples; i.e., 1-99, 100-1000, or more than 1000, aliquots of 1.0, 0.1, or 0.01 milliliter were pipetted from within the flask to a depression in a 3-depression micro-plate. The number of aliquots used in determining the mixed count was standardized at 5 or 10. Five aliquots were used during bloom periods of *G. breve*; 10 during non-bloom periods. The number of *G. breve* observed per milliliter or fraction thereof was then recorded for each aliquot. The arithmetic mean number of *G. breve* for all aliquots was shown as number per milliliter. When no organisms were present in the mixed sample, 0 was recorded. All counts were of living organisms.

Chemical analysis

Salinities were determined by the Mohr-Knudsen method (Knudsen, 1901). Nitrate-nitrite nitrogen determinations were made by the method of Zwicker and Robinson (1944) as modified by Marvin (1955b).

The method of Robinson and Thompson (1948) was used to determine amounts of inorganic phosphates, and the method of Harvey (1948) was used in total phosphorus determinations. Copper determinations were by the analytical method of Hoste, Eeckhout, and Gillis (1953).

ACKNOWLEDGMENT

We are pleased to acknowledge the guidance and numerous suggestions of William B. Wilson, Chief of Red Tide Investigations for the Bureau of Commercial Fisheries. Dr. M. W. Jambor assisted in the enumeration of *G. breve*; J. A. Kelly, Jr. aided in the tabulation of data; and Lucius Johnson assisted in most of the chemical analyses.

The Florida State Board of Conservation, especially Ernest Mitts, Director; Robert M. Ingle, and Dr. Robert F. Hutton, cooperated in numerous instances by supplying patrol vessels, crews, and other facilities.

The authors are indebted to all participants of the Red Tide Symposium held on March 5-7, 1958, in Galveston, Texas for their assistance in review of past red tide research.

LITERATURE CITED

BEIN, SELWYN JACK.
1957. The relationship of total phosphorus concentration in sea water to red tide blooms. Bulletin of Marine Science of the Gulf and Caribbean, vol. 7, no. 4, pp. 316-329.

FINUCANE, JOHN H., and ALEXANDER DRAGOVICH.
1959. Counts of red tide organisms, *Gymnodinium breve*, and associated oceanographic data from Florida west coast, 1954-57. U. S. Fish and Wildlife Service, Special Scientific Report--Fisheries No. 289, 220 pp.

GRAHAM, HERBERT W., JOHN M. AMISON, and KENNETH T. MARVIN.
1954. Phosphorus content of waters along the west coast of Florida. U. S. Fish and Wildlife Service, Special Scientific Report--Fisheries No. 122, 43 pp.

HARVEY, H. W.
1948. Estimation of phosphorus and total phosphorus in sea water. Journal of the Marine Biological Association of the United Kingdom, vol. 27, no. 2, pp. 337-359.

HOSTE, J., J. EECKHOUT, and J. GILLIS.
1953. Spectrographic determination of copper with curroine. Analytica Chimica Acta, vol. 9, no. 3, pp. 263-274.

HUTTON, ROBERT F.
1956. An annotated bibliography of red tides occurring in the marine waters of Florida. Quarterly Journal of the Florida Academy of Science, vol. 19, nos. 2-3, pp. 124-146.

INGLE, R. M., R. F. HUTTON, H. E. SHAFER, JR., and R. GOSS.
1959. The airplane as an instrument in marine research. Part 1. Dinoflagellate blooms. Florida State Board of Conservation, Special Scientific Report No. 3, 25 pp.

KNUDSEN, M.
1901. Hydrographical Tables. G. E. C. Gad, Copenhagen, 63 pp.

MARVIN, KENNETH T.
1955a. Oceanographic observations in west coast Florida waters, 1949-52. U. S. Fish and Wildlife Service, Special Scientific Report--Fisheries No. 149, 32 pp.

1955b. Notes on the precision of a modified routine nitrate-nitrite analysis. Journal of Marine Research, vol. 14, no. 1, pp. 79-87.

ROBINSON, REX J., and THOMAS G. THOMPSON.
1948. The determination of phosphates in sea water. Journal of Marine Research, vol. 7, no. 1, pp. 33-41.

ROUNSEFELL, GEORGE A., and JOHN E. EVANS.
1958. Large-scale experimental test of copper sulfate as a control for the Florida red tide. U. S. Fish and Wildlife Service, Special Scientific Report--Fisheries No. 270, 57 pp.

VAN DORN, W. G.
1957. Large-volume water sampler. Transactions of the American Geophysical Union, vol. 37, no. 6, pp. 682-684.

ZWICKER, B. M. G., and R. J. ROBINSON.
1944. The photometric determination of nitrate in sea water with a strychnidine reagent. Journal of Marine Research, vol. 5, no. 3, pp. 214-231.

EXPLANATION OF COLUMN HEADINGS

Part I

Time	Eastern standard time.
S or B	Surface or bottom (occasionally M for mid-depth and actual depth in feet).
C.	Concentrated sample. Shows absence (0) or presence (P) of live cells in one to six 1-milliliter aliquots pipetted from surface of a 2-liter or smaller water sample after exposure from 4 to 24 hours (or more) to artificial light (40-watt fluorescent lamp 14 inches above surface of sample).
M.	Mixed sample. Average number of live cells per milliliter was recorded in 5 (or 10) 1-milliliter or fraction of milliliter aliquots. When no organisms were present in the mixed sample aliquots, 0 was used.

^{o} C.	Water temperature in centigrade recorded to the nearest 10th of a degree.
Sal.	Salinity, parts per thousand.
Cu	Copper, μg.at./l.
PO_4	Phosphate
In.	Inorganic phosphate, μg.at. PO_4-P/l.
Tot.	Total phosphate, μg.at. PO_4-P/l.
NO_3-NO_2	Nitrogen, μg.at. NO_3-NO_2-N/l.

Part II

All column headings are the same as in Part I, with the exception of the following:

Depth	Depth is coded as indicated below: 1 Surface 2 First intermediate 3 Second intermediate 4 Bottom
CA	Cloud amount coded as indicated below: 0 No clouds 1 Less than 1/10 or 1/10 2 2/10 and 3/10 3 4/10 4 5/10 5 6/10 6 7/10 and 8/10 7 9/10 and 9/10 plus 8 10/10 9 Sky obscured
Tr.	Water transparency in feet at which Secchi disc is visible, recorded to the nearest $\frac{1}{2}$ foot.

STATION DATA

Part I - Anclote Key to Florida Bay

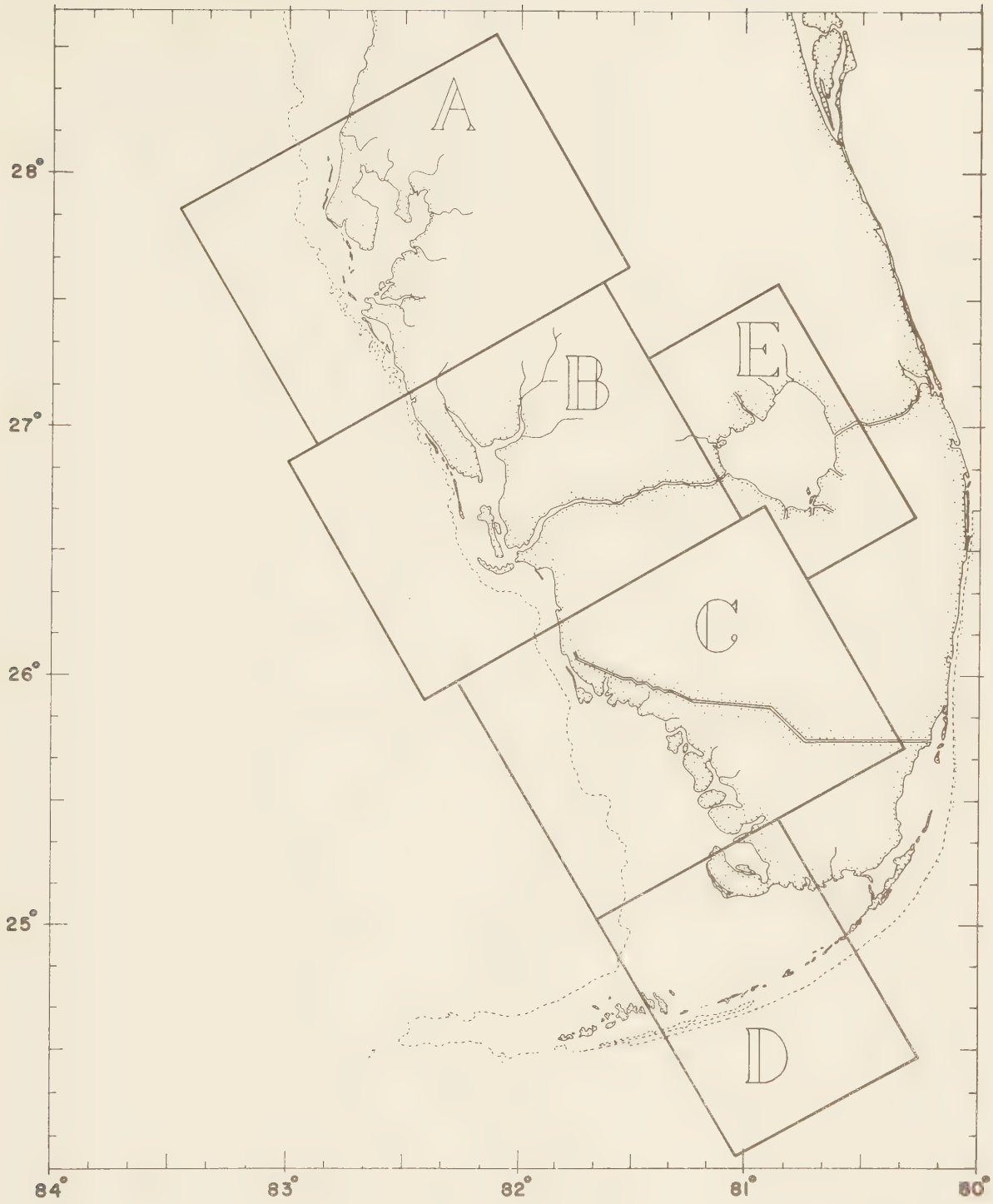

Figure 1.--Index map of southern Florida with areas A-D outlined.

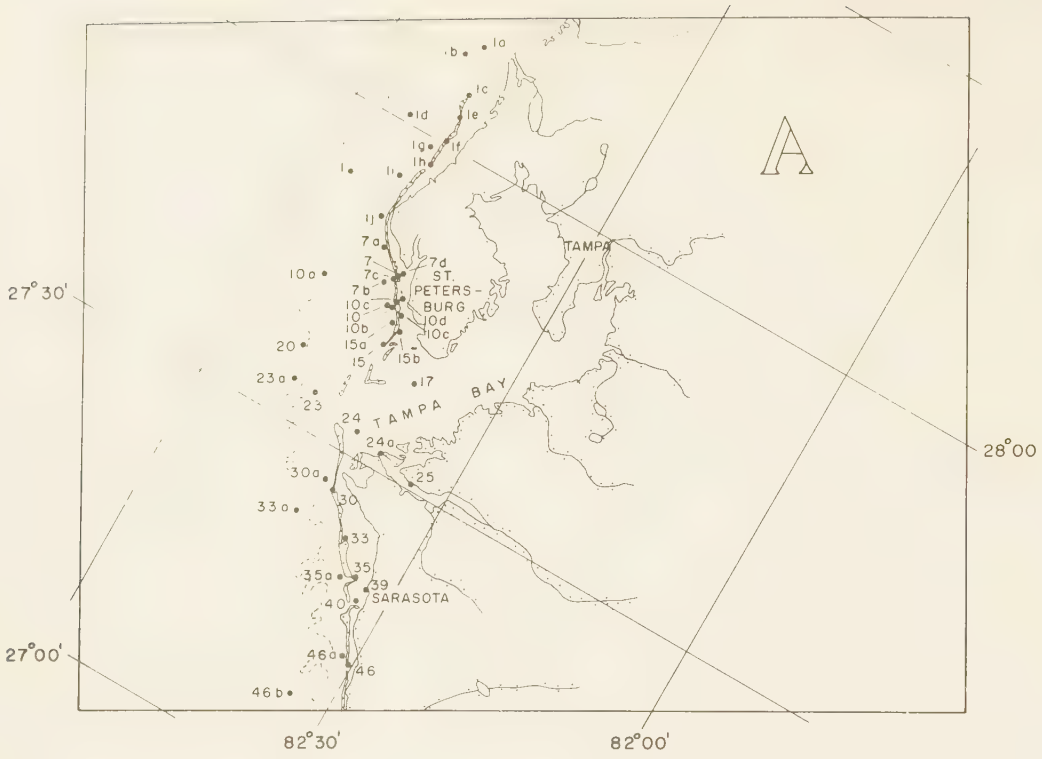

Figure 2.--Tampa Bay area showing station locations for Part I.

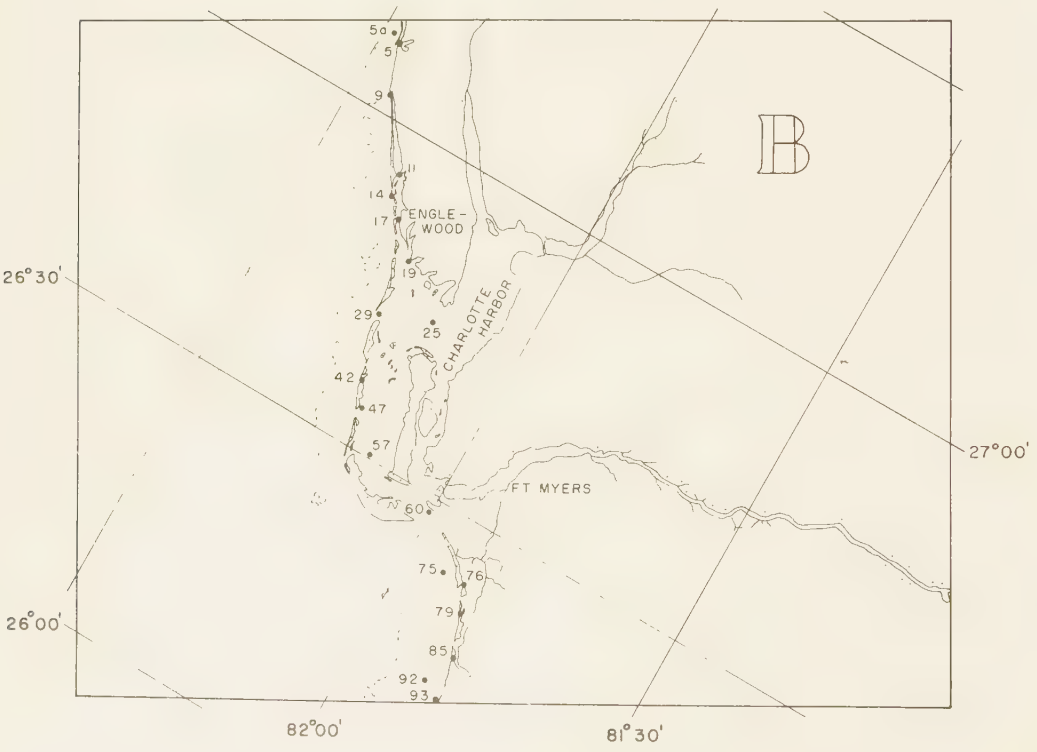

Figure 3.--Charlotte Harbor area showing station locations.

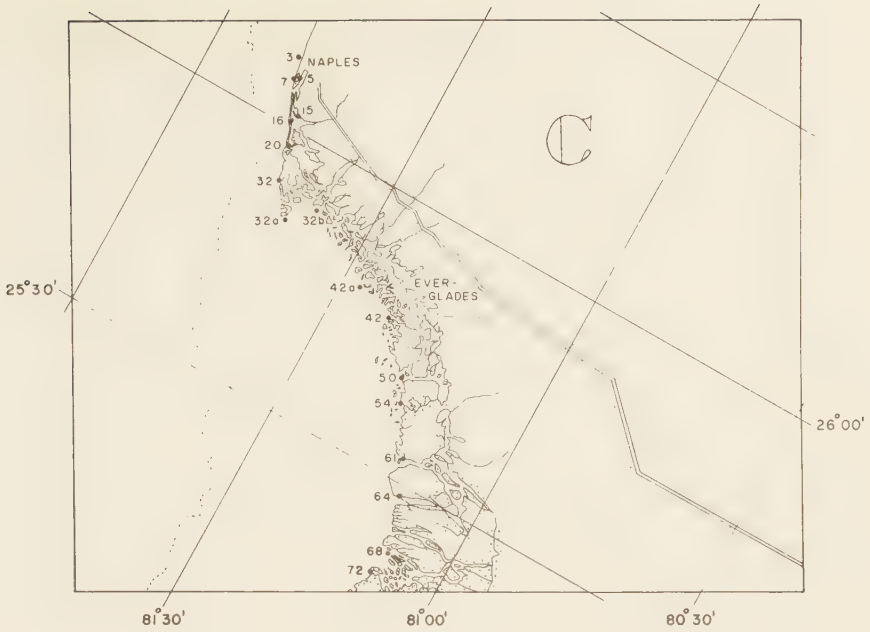

Figure 4.--Thousand Island area showing station locations.

Figure 5.--Florida Bay area showing station locations.

STATION A 1 Depth of 27 feet 27°53.2' N. 82°56.5' W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1957										
9/24	1202	S	P	0.2	30.3	33.42	0.20			
		B	P	0.0	30.0	33.39	0.13			
9/26	1055	S	P	1.0	29.5	32.98				
		B	P	0.3	29.3	32.84				
12/16	1347	S	O	-	14.1	33.86	0.02	0.4	0.4	0.2
		B	O	-	14.0	34.05	0.02	0.3	0.5	0.3
1958										
1/15	1219	S	O	-	13.6	32.56	0.01	0.1	0.3	0.5
		B	O	-	12.6	33.13	0.00	0.9	1.1	1.9
1/28	1150	S	O	-	13.2	32.65	0.03	0.6	1.0	1.3
		B	O	-	13.2	33.17	0.01	0.9	1.7	1.5
2/10	1221	S	O	-	11.9	29.92	0.06	1.0	2.0	0.6
		B	O	-	12.1	33.17	0.02	0.9	1.2	0.4
2/25	1303	S	O	-	12.1	31.89	0.01	0.3	0.4	0.1
		B	O	-	11.4	32.54	0.01	0.4	0.5	0.0
3/11	1139	S	O	-	16.5	32.72	0.03	0.9	0.9	0.1
		B	O	-	16.3	33.51	0.02	0.3	0.4	0.2
3/26	1206	S	P	0.8	16.9	33.58	0.02	0.3	0.6	0.2
		B	P	0.0	16.4	32.01	0.02	0.4	0.6	0.3
4/7	1221	S	P	0.4	19.0	33.35	0.03	0.4	0.7	0.9
		B	P	0.0	18.8	33.35	0.04	0.6	1.0	0.7
4/21	1249	S	P	0.1	20.6	23.37	0.02	0.2	0.6	0.4
		B	O	-	20.5	32.18	0.02	0.2	0.6	0.4
5/8	1439	S	P	0.1	24.7	33.10	0.02	0.3	0.8	0.5
		B	P	0.0	24.0	33.08	0.03	-	1.2	0.3
5/20	1151	S	O	-	25.5	33.98	0.01	1.0	1.1	0.2
		B	O	-	24.5	34.34	0.03	1.0	1.1	0.3
6/2	1220	S	P	0.0	29.0	34.43	0.02	0.4	0.6	0.6
		B	P	0.0	27.6	34.43	0.00	0.6	0.8	0.6
6/18	1108	S	O	-	29.5	34.42	0.04	1.4	1.6	0.1
		B	O	-	29.0	34.45	0.06	-	1.7	0.1
6/30	1214	S	O	-	32.1	34.09	0.02	2.9	5.3	0.2
		B	O	-	30.0	33.89	0.02	1.4	1.9	0.3
7/30	1230	S	P	0.0	31.6	33.93	0.02	1.2	1.9	0.4
		M	O	-	31.7	33.71	0.02	1.3	1.7	0.3
		B	O	-	31.5	33.93	0.05	1.3	1.8	0.4
8/6	1230	S	P	0.0	29.8	34.22	0.02	0.7	1.3	0.4
		M	O	-	30.0	34.25	0.02	0.8	1.3	0.3
		B	P	0.0	29.8	34.23	0.02	0.7	1.3	0.5

STATION A 1 (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
8/20	1130	S	O	-	30.8	33.62	0.08	1.3	1.7	0.3
		M	O	-	30.0	33.73	0.06	1.3	1.8	0.4
		B	O	-	29.7	33.75	0.05	1.2	1.6	0.6
9/2	1207	S	P	0.0	31.5	34.16	0.02	0.4	1.0	0.2
		M	P	0.1	30.8	34.18	0.05	0.5	1.1	0.2
		B	P	0.0	30.8	34.02	0.02	0.5	1.2	0.1
9/15	1231	S	P	0.4	29.8	33.84	0.05	2.3	2.8	0.3
		M	P	0.0	29.8	33.77	0.05	2.3	2.8	0.3
		B	P	0.0	29.8	33.80	0.04	2.3	2.8	0.3
10/20	1233	S	P	0.0	24.6	33.58	0.06	-	0.5	0.0
		M	P	0.0	24.5	33.60	0.03	0.6	0.6	0.3
		B	P	0.0	24.5	33.58	0.03	-	0.4	0.2
10/28	1031	S	O	-	22.9	33.73	0.01	0.2	0.4	0.1
		M	O	-	23.0	33.73	0.01	0.3	0.3	0.2
		B	O	-	23.0	33.73	0.02	0.3	0.5	0.4
11/18	1039	S	O	-	22.8	33.15	0.02	0.3	-	0.3
		M	O	-	22.7	33.12	0.02	0.2	0.6	0.1
		B	O	-	22.5	33.28	0.02	0.6	0.6	0.3
11/24	1049	S	O	-	23.0	33.95	0.03	0.3	0.4	0.3
		M	O	-	22.6	33.03	0.04	0.3	0.5	0.2
		B	O	-	23.0	33.10	0.05	0.4	1.5	0.3
1959										
1/12	1409	S	O	-	13.7	30.97	0.03	0.3	0.3	0.4
		M	O	-	13.8	31.38	0.03	0.3	0.4	0.4
		B	O	-	13.9	32.18	0.02	0.3	0.4	0.4
3/26	0956	S	O	-	19.2	31.87	0.02	0.7	2.6	0.3
		M	O	-	19.2	31.87	0.01	2.0	2.5	0.1
		B	O	-	19.2	31.91	0.02	0.8	4.1	0.4
4/16	1115	S	O	-	20.8	31.82	0.02	1.0	1.5	0.2
		M	O	-	20.7	31.76	0.02	0.7	1.2	0.2
		B	O	-	20.9	32.18	0.02	1.2	1.6	0.2
5/8	1100	S	P	0.0	24.9	33.60	0.02	0.4	0.7	2.2
		M	P	0.0	24.5	33.62	0.03	0.5	0.8	1.7
		B	O	-	24.5	33.80	0.03	0.5	0.9	2.4
6/16	1220	S	P	0.0	28.8	34.36	0.02	1.3	1.7	0.9
		M	P	0.0	28.9	34.40	0.02	1.3	2.0	0.9
		B	P	0.0	29.2	34.63	0.02	1.3	2.1	0.7
7/16	1132	S	O	-	30.2	33.95	0.02	1.1	1.8	0.2
		M	O	-	30.1	33.87	0.02	1.3	1.8	0.1
		B	O	-	30.0	33.86	0.02	1.2	1.8	0.1

STATION A 1 (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
8/12	1227	S	O	-	28.7	31.73	0.04	1.0	1.3	0.5
		M	O	-	28.3	31.87	0.05	1.1	1.4	0.7
		B	P	0.0	28.4	31.94	0.03	1.4	1.8	0.5
9/2	1135	S	P	0.0	29.0	32.45	0.02	1.0	1.4	0.5
		M	P	0.0	29.0	32.39	0.02	1.0	1.4	0.4
		B	O	-	28.8	32.39	0.02	1.1	2.0	0.7
10/23	1150	S	P	13	27.3	32.90	0.05	2.6	3.0	0.2
		M	P	2.0	26.8	32.94	0.04	2.8	3.0	0.4
		B	P	0.2	26.9	33.31	0.03	2.2	2.4	0.3
11/3	1127	S	P	0.0	25.6	33.06	0.06	1.1	1.6	0.4
		M	O	-	24.6	33.06	0.02	1.2	1.9	0.1
		B	P	0.0	24.5	33.03	0.02	1.2	2.1	0.5

STATION A 1a Depth of 14 feet 28°09.9' N. 82°50.6' W.

1957										
10/8	1223	S	O	-	25.6	31.78	0.10			
		B	O	-	25.4	32.37	0.02			
10/14	1147	S	P	8.0	25.1	32.90	0.21			
		B	P	4.0	24.9	32.64	0.44			
10/15	1222	S	P	200	24.3	31.10				
		B	P	100	24.6	32.54				
10/18	1020	S	P	1.6	25.0	28.37	0.04			
10/22	1149	S	P	480	23.2	31.53				
		B	P	140	23.5	32.00				
10/24	1135	S	P	6.0	23.5	30.96				
10/28	1430	S	O	-	16.8	25.47				
11/4	1305	S	P	0.4	22.1	32.04	0.19			
		B	P	0.0	21.5	33.15	0.11			
11/14	1020	S	O	-	20.0	29.23				
11/18	1055	S	O	-	23.1	31.27	0.13			
11/25	1209	S	O	-	21.7	31.30				
12/2	1126	S	O	-	13.5	26.17				
12/12	1605	S	O	-	9.3	31.73	0.00	-		
12/16	1246	S	P	0.0	13.5	33.78	0.01	0.3	0.5	0.1
		B	O	-	13.3	33.80	0.03	0.2	0.5	0.2
12/19	1302	S	O	-	15.0	27.94				
1958										
2/12	1050	S	O	-	10.7	23.68	0.05			
2/18	1340	S	O	-	8.0	19.72				
3/4	1323	S	O	-	19.5	23.98	0.05			

STATION A 1a (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
3/18	0940	S	O	-	17.5	25.93				
4/1	1428	S	O	-	19.5	25.01	0.02			
4/21	0912	S	O	-	21.5	24.78				
5/1	1150	S	P	0.0	27.0	30.19				
5/20	1316	S	O	-	25.9	33.03	0.03			
5/29	1504	S	O	-	29.3	25.91				
6/11	1300	S	O	-	30.7	27.03	0.05			

STATION A 1b Depth of 14 feet 28°08.3' N. 82°52' W.

1958										
1/15	1122	S	O	-	13.5	31.26	0.07	0.2	0.5	0.0
		B	O	-	12.2	32.34	0.07	2.4	4.1	0.8
1/28	1055	S	O	-	13.0	26.76	0.02	0.6	0.6	0.4
		B	O	-	13.1	31.69	0.01	2.6	8.3	0.4
2/10	1126	S	O	-	11.0	23.64	0.04	0.5	1.6	0.3
		B	O	-	11.3	31.85	0.01	1.0	1.0	0.3
2/25	1203	S	O	-	12.6	31.29	0.02	0.5	0.5	0.1
		B	O	-	12.1	31.58	0.00	2.0	3.1	0.3
3/11	1039	S	O	-	18.0	31.69	0.03	0.3	0.6	0.3
		B	O	-	17.8	31.80	0.03	0.8	1.7	0.4
3/26	1110	S	P	0.1	17.4	28.37	0.01	0.3	0.6	0.6
		B	O	-	16.8	29.94	0.02	1.0	1.7	0.4
4/7	1123	S	P	0.0	20.1	32.38	0.02	0.2	0.7	0.3
		B	P	0.0	20.0	32.41	0.03	0.9	2.1	0.8
4/21	1140	S	P	0.0	21.3	30.68	0.02	0.2	-	0.5
		B	O	-	21.3	30.73	0.02	-	0.8	0.5
5/8	1347	S	O	-	24.2	28.35	0.02	0.3	0.6	0.5
		B	O	0.0	23.7	30.88	0.02	0.5	1.1	0.4
5/20	1051	S	O	-	25.0	28.95	0.03	0.2	0.4	0.8
		B	O	-	24.4	33.48	0.03	0.2	0.4	0.7
6/2	1120	S	P	0.1	27.8	33.15	0.02	0.3	0.6	0.6
		B	P	0.0	27.4	33.28	0.02	0.3	0.6	0.8
6/18	1007	S	O	-	30.0	34.22	0.01	0.5	0.8	0.3
		B	P	0.0	29.2	33.82	0.04	0.8	1.5	0.3
6/30	1114	S	P	0.0	30.4	34.18	0.02	0.3	0.8	0.3
		B	O	-	30.0	34.25	0.02	0.4	0.9	0.3
7/30	1113	S	O	-	31.5	33.24	0.02	0.2	0.7	0.2
		B	O	-	31.7	33.30	0.02	0.3	0.7	0.4
8/6	1131	S	O	-	28.7	32.95	0.02	0.3	0.7	0.6
		B	O	-	28.7	33.10	0.03	0.4	0.9	0.6

STATION A 1b Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
8/20	1033	S	O	-	29.9	32.00	0.08	0.3	0.7	0.3
		B	O	-	29.5	32.10	0.07	0.3	0.8	0.5
9/2	1102	S	O	-	30.8	32.88	0.03	0.3	0.6	0.2
		B	O	-	30.8	33.01	0.02	0.4	0.8	0.1
9/15	1105	S	O	-	29.3	33.84	0.05	0.4	0.8	1.4
		B	P	0.0	29.5	33.86	0.03	0.3	0.9	0.3
9/28	0926	S	O	-	21.5	30.26	0.01	0.3	0.6	0.0
		B	O	-	22.0	32.23	0.02	0.5	0.9	0.2
10/20	1128	S	O	-	22.7	28.75	0.03	-	0.3	0.3
		B	O	-	23.1	31.46	0.03	0.8	0.8	0.2
11/18	0940	S	O	-	22.8	31.31	0.03	0.1	0.5	0.3
		B	O	-	22.6	31.87	0.02	0.2	0.5	0.3
11/24	0951	S	O	-	22.2	30.50	0.03	0.4	0.5	0.3
		B	O	-	22.1	32.00	0.04	0.3	0.5	0.4

STATION A 1c Depth of 13 feet 28°05' N. 82°50' W.

1957										
10/8	1209	S	P	780	25.8	31.94	0.06			
		B	P	13	25.3	31.80	0.26			
10/14	1134	S	P	480	25.1	31.42	0.10			
		B	P	106	24.9	32.49	0.13			
10/15	1209	S	P	1020	24.5	32.88				
		B	P	720	24.3	32.73				
10/18	1030	S	P	140	24.9	32.45	0.09			
10/21	1211	S	P	18	23.0	31.48				
10/22	1139	S	P	8.0	23.3	32.27				
		B	P	72	23.6	32.56				
10/24	1140	S	P	120	23.4	32.75				
10/28	1422	S	O	-	18.0	25.52				
11/4	1250	S	P	2.2	21.8	33.64	0.11			
		B	P	0.2	21.2	33.82	0.20			
11/14	1026	S	O	-	20.0	30.70				
11/18	1100	S	O	-	24.0	32.15	0.07	-		
11/25	1200	S	P	0.0	23.0	32.81				
12/2	1118	S	O	-	15.0	28.93				
12/12	1558	S	P	0.0	10.3	26.69	0.04			
12/19	1312	S	O	-	15.7	32.66	0.00			
1958										
2/12	1040	S	O	-	10.8	25.64	0.01			
2/18	1330	S	O	-	9.5	28.03				
3/4	1314	S	O	-	17.0	31.22	0.06			

STATION A 1c (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
3/18	0950	S	O	-	17.2	28.12				
4/1	1421	S	O	-	20.0	30.16	0.00			
4/21	0920	S	O	-	21.5	29.94				
5/1	1158	S	O	-	26.5	31.89				
5/20	1324	S	O	-	26.2	33.82	0.00			
5/29	1511	S	O	-	29.1	31.49				
6/11	1252	S	P	0.0	30.0	33.42	0.03			
STATION A 1d		Depth of 28 feet			28°00.6' N.		82°54' W.			
1958										
9/15	1137	S	O	-	30.0	34.07	0.04	0.4	1.0	0.4
		M	P	0.0	29.7	33.95	0.04	0.5	1.0	0.3
		B	O	-	29.6	34.14	0.04	0.5	0.9	1.0
10/20	1157	S	O	-	24.0	32.54	0.03	0.5	0.5	0.1
		M	O	-	24.1	32.77	0.02	0.4	0.4	0.2
		B	O	-	24.2	32.81	0.03	0.5	0.5	0.3
10/28	0957	S	O	-	22.9	33.48	0.01	0.2	0.3	0.1
		M	O	-	23.0	33.48	0.02	0.2	0.2	0.2
		B	O	-	23.0	33.49	0.01	0.2	0.3	0.2
11/18	1009	S	P	0.0	22.6	33.12	0.02	0.2	0.6	0.2
		M	P	0.0	22.7	33.24	0.03	0.3	0.6	0.6
		B	O	-	22.7	33.60	0.02	0.4	0.6	0.4
11/24	1017	S	P	0.0	22.5	32.32	0.05	0.3	0.5	0.4
		M	O	-	22.4	32.83	0.02	0.3	0.4	0.2
		B	O	-	22.6	32.94	0.03	0.4	0.4	0.3
12/17	1105	S	O	-	15.6	32.16	0.04	0.3	0.5	0.2
		M	O	-	15.2	32.10	0.12	0.3	0.6	0.2
		B	O	-	15.2	32.10	0.04	0.2	0.5	0.2
1959										
1/12	1317	S	O	-	13.0	30.34	0.06	0.3	0.3	0.3
		M	O	-	13.5	32.09	0.04	0.3	0.3	0.4
		B	O	-	13.6	32.18	0.03	0.3	0.3	0.2
3/26	0918	S	O	-	19.1	31.74	0.01	0.3	0.8	0.0
		M	O	-	19.0	32.20	0.02	0.3	0.9	0.1
		B	O	-	18.3	32.86	0.02	0.4	1.5	0.3
4/16	1043	S	P	0.0	20.9	30.57	0.03	0.6	1.0	0.2
		M	P	0.0	21.0	31.44	0.02	0.9	1.3	0.2
		B	P	0.0	21.2	32.05	0.02	0.9	1.2	0.3
5/8	0952	S	O	-	24.9	32.39	0.05	0.4	0.7	2.4
		M	O	-	24.4	33.51	0.03	0.3	1.0	2.5
		B	O	-	24.2	33.51	0.02	0.6	1.1	2.4

STATION A 1d (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
6/16	1149	S	P	0.0	28.8	34.11	0.03	1.0	1.8	0.8
		M	O	-	29.0	34.51	0.03	1.0	2.0	0.8
		B	O	-	29.2	34.47	0.02	1.1	1.4	1.2
7/16	1058	S	O	-	29.8	32.94	0.02	2.4	3.5	0.2
		M	O	-	29.8	33.10	0.02	2.8	3.3	0.2
		B	O	-	29.6	33.26	0.02	2.3	3.1	0.7
8/12	1154	S	O	-	28.7	31.17	0.05	-	2.4	0.9
		M	P	0.0	28.4	31.29	0.04	2.5	3.4	0.8
		B	O	-	28.3	31.42	0.04	2.4	3.2	1.1
9/2	1102	S	P	0.0	28.6	31.65	0.02	1.0	1.7	1.3
		M	O	-	28.5	31.53	0.02	0.9	1.7	0.8
		B	O	-	28.6	31.74	0.02	1.3	2.3	1.0
10/23	1118	S	P	0.3	27.0	33.04	0.08	3.0	3.2	0.4
		M	P	0.1	26.9	33.04	0.05	2.8	3.2	0.2
		B	O	-	26.9	33.13	0.04	3.1	3.3	0.3
11/3	1024	S	P	0.0	24.2	31.82	0.03	0.3	0.9	0.5
		M	O	-	24.2	32.00	0.02	0.5	1.0	0.3
		B	O	-	24.2	32.03	0.03	0.5	1.2	0.3

STATION A 1e Depth of 4 feet 28°03.1' N. 82°49.4' W.

1957										
10/14	1125	S	P	480	25.1	31.00	0.14			
		B	P	220	25.0	32.66	0.08			
10/15	1200	S	P	680	25.1	33.06				
		B	P	340	24.9	33.43				
10/18	1040	S	P	3.4	24.9	31.87	0.04			
10/22	1128	S	P	34	23.7	33.12				
		B	P	160	24.0	33.08				
10/24	1146	S	P	4.0	23.8	33.12				
10/28	1420	S	O	-	16.5	27.63				
11/4	1237	S	P	0.6	22.0	33.53	0.23			
		B	O	-	21.8	34.18	0.11			
11/14	1031	S	O	-	20.0	30.23				
11/18	1106	S	O	-	22.9	32.61	0.08			
11/25	1156	S	P	0.4	21.8					
12/2	1115	S	O	-	13.5	30.10				
12/12	1553	S	P	11	10.2	25.75	0.01			
12/19	1318	S	O	-	15.5	33.55				
1958										
2/12	1034	S	O	-	10.7	25.50	0.03			
2/18	1325	S	O	-	8.5	24.78				

STATION A 1e (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
3/4	1305	S	O	-	16.8	30.77	0.07			
3/18	0955	S	O	-	17.3	30.28				
4/1	1416	S	O	-	19.7	30.75	0.03			
4/21	0926	S	P	0.0	21.3	31.00				
5/1	1203	S	O	-	27.2	31.87				
5/20	1406	S	O	-	25.5	33.82	0.01			
5/29	1516	S	P	0.0	28.5	33.68				
6/11	1248	S	O	-	30.5	33.64	0.04			

STATION A 1f — Depth of 10 feet — 28°00.8' N. — 82°49.5' W.

1957										
10/8	1153	S	P	360	25.0	34.65	0.09			
		B	P	300	25.5	32.37	0.05			
10/14	1117	S	P	460	25.6	32.48	0.02			
		B	P	58	25.4	33.04	0.12			
10/15	1151	S	P	120	25.1	32.88				
		B	P	128	24.6	32.80				
10/18	1050	S	P	100	25.8	32.63	0.12			
10/21	1211	S	P	24	23.0	32.63				
10/22	1120	S	P	94	23.5	32.91				
		B	P	62	23.8	33.31				
10/24	1150	S	P	4.0	23.5	33.03				
10/28	1415	S	P	0.0	17.0	27.82				
11/4	1228	S	P	1.4	22.2	32.29	0.24			
		B	P	0.2	22.0	33.58	0.05			
11/14	1036	S	O	-	20.0	32.37				
11/25	1150	S	P	40	22.2	33.05				
12/2	1108	S	P	0.0	14.7	31.08				
12/12	1547	S	O	-	10.0	26.89	0.02			
12/19	1322	S	O	-	15.5	33.33				
1958										
2/12	1025	S	O	-	11.2	29.69	0.03			
2/18	1317	S	O	-	10.0	28.98				
3/4	1301	S	O	-	16.8	31.56	0.06			
3/18	1000	S	O	-	17.5	31.17				
4/1	1410	S	O	-	19.5	29.56	0.01			
4/21	0931	S	O	-	21.3	31.27				
5/1	1107	S	O	-	26.5	31.64				
5/20	1412	S	O	-	26.5	33.57	0.00			
5/29	1521	S	O	-	30.3	33.39				
6/11	1242	S	O	-	30.3	34.13	0.02			

STATION A 1g Depth of 15 feet 27°59' N. 82°50.3 W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1957										
12/16	1208	S	O	-	14.0	34.04	0.02	-	0.8	0.1
		B	O	-	14.2	34.05	0.02	0.5	0.5	0.0
1958										
1/15	1047	S	O	-	13.6	31.26	0.07	0.3	0.8	0.1
		B	O	-	12.5	32.38	0.07	0.7	1.4	0.0
1/28	1020	S	O	-	13.0	31.46	0.05	0.5	0.8	0.8
		B	O	-	13.2	31.76	0.02	0.9	2.3	1.8
2/10	1051	S	O	-	11.8	30.16	0.07	0.8	1.2	0.2
		B	O	-	12.0	31.83	0.06	1.1	1.6	1.3
2/25	1130	S	O	-	12.4	31.47	0.00	0.5	0.5	0.0
		B	O	-	11.8	31.80	0.01	1.1	1.3	0.2
3/11	1007	S	O	-	18.1	31.76	0.02	0.7	1.1	0.9
		B	O	-	17.5	32.01	0.03	1.0	1.7	0.1
3/26	1036	S	O	-	17.1	29.58	0.00	0.4	0.6	0.2
		B	O	-	16.5	30.17	0.02	2.0	3.3	0.6
4/7	1045	S	O	-	20.0	32.56	0.04	0.8	1.2	0.6
		B	O	-	19.8	32.50	0.04	1.2	2.1	0.7
4/21	1106	S	P	0.0	21.0	31.20	0.02	0.2	0.8	0.4
		B	O	-	21.0	31.20	0.02	-	2.3	0.8
5/8	1313	S	O	-	23.7	30.93	0.05	0.3	0.8	0.3
		B	O	-	21.9	31.22	0.02	2.0	4.0	0.8
5/20	1017	S	O	-	25.5	33.31	0.03	0.3	0.6	0.6
		B	O	-	25.2	33.46	0.03	-	1.2	0.6
6/2	1044	S	P	0.0	28.1	34.14	0.00	0.4	0.9	0.4
		B	P	0.0	26.9	34.11	0.00	0.8	1.8	0.8
6/18	1031	S	P	0.0	30.0	34.45	0.03	0.5	1.2	1.0
		B	O	-	29.3	34.42	0.02	1.5	3.0	0.6
6/30	1038	S	O	-	30.0	34.16	0.00	0.8	1.6	0.2
		B	O	-	29.8	33.86	0.02	1.3	2.5	0.6
7/30	1021	S	O	-	31.6	33.21	0.00	-	1.8	0.5
		B	O	-	31.5	33.22	0.01	1.2	2.4	0.4
8/6	1053	S	O	-	29.2	33.17	0.00	0.9	2.3	0.7
		B	O	-	29.2	33.21	0.01	2.1	4.7	0.6
8/20	1000	S	O	-	29.9	32.83	0.03	0.5	1.1	0.3
		B	O	-	30.0	32.99	0.02	1.1	3.8	0.5
9/2	1027	S	O	-	30.5	33.19	0.03	0.8	1.8	0.2
		B	O	-	30.7	33.51	0.04	1.7	3.1	0.2
9/15	1030	S	P	0.0	29.5	33.84	0.06	0.5	1.3	3.2
		B	P	0.0	29.6	33.77	0.01	1.0	2.1	0.3

STATION A 1g (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3- NO_2
10/20	1046	S	O	-	23.4	31.22	0.03	0.7	1.5	0.5
		B	O	-	24.2	32.56	0.03	1.3	2.0	0.3
10/28	0851	S	P	0.0	21.2	31.38	0.04	0.5	0.9	0.1
		B	O	-	22.0	32.09	0.03	1.2	2.2	0.2
11/18	0904	S	O	-	22.5	32.95	0.03	0.3	0.9	0.3
		B	O	-	22.5	33.15	0.03	0.6	1.4	0.3
11/24	0918	S	O	-	22.5	32.68	0.05	0.7	1.1	0.2
		B	O	-	22.7	32.68	0.07	0.6	1.3	0.1
12/17	1045	S	O	-	14.9	30.35	0.04	0.3	0.8	0.2
		B	-	-	14.7	30.48	0.02	0.7	1.5	0.2
1959										
1/12	1300	S	O	-	13.2	30.39	0.03	-	0.5	0.4
		B	O	-	13.1	30.97	0.03	0.5	0.5	0.4
3/26	0957	S	O	-	18.5	31.08	0.01	0.4	1.1	0.1
		B	O	-	18.6	32.18	0.01	0.5	1.1	0.1
4/16	1028	S	O	-	21.0	31.46	0.02	0.5	0.9	0.3
		B	P	0.0	21.2	31.80	0.01	0.8	1.3	0.3
5/8	0936	S	O	-	25.7	32.54	0.02	2.0	2.3	0.8
		B	O	-	25.7	32.86	0.03	1.3	2.0	2.2
6/16	1133	S	P	0.0	29.2	33.75	0.02	0.9	2.2	0.8
		B	O	-	29.3	34.07	0.02	1.7	3.2	1.2
7/16	1040	S	O	-	29.8	32.16	0.02	-	3.2	0.2
		B	O	-	30.0	32.16	0.02	2.8	3.9	0.0
8/12	1136	S	O	-	28.4	30.50	0.07	2.1	3.5	0.4
		B	O	-	27.7	30.50	0.04	3.0	5.3	0.7
9/2	1043	S	O	-	28.9	31.89	0.02	3.0	10.6	0.5
		B	O	-	28.2	31.78	0.02	2.1	4.6	0.2
10/23	1101	S	P	0.2	27.1	32.27	0.04	3.2	3.9	0.2
		B	P	0.0	26.8	32.34	0.04	3.2	4.0	0.5
11/3	1009	S	O	-	24.0	31.36	0.02	0.6	1.7	0.3
		B	O	-	23.8	31.78	0.02	1.6	3.4	0.3

STATION A 1h — Depth of 3 feet — 27°57.9' N. — 82°49.8' W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.
1957							
9/24	1119	S	P	0.1	30.5	32.96	0.17
		B	O	-	29.7	33.00	0.13
10/2	1300	S	P	16000	27.2	-	0.15
		B	P	370	27.2	-	0.12
10/8	1140	S	P	302	26.2	32.48	0.12
		B	P	1.8	26.0	33.08	0.31
10/14	1104	S	P	172	25.6	32.80	0.19
		B	P	84	25.0	33.01	0.09

STATION A 1h (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
10/15	1140	S	P	34	25.1	33.07				
		B	P	102	24.9	33.51				
10/18	1131	S	P	120	25.8	32.37	0.14			
10/21	1215	S	O	-	24.5	32.61				
10/22	1100	S	P	280	23.5	33.18				
		B	P	100	23.9	33.06				
10/24	1155	S	P	140	23.6	32.91				
10/28	1310	S	P	2.0	17.5	29.28				
11/4	1212	S	P	0.6	22.2	33.82	0.44			
		B	P	0.4	21.7	33.64	0.11			
11/14	1042	S	O	-	20.0	32.73				
11/18	1116	S	P	0.0	22.4	32.86	0.07			
11/25	1145	S	P	140	22.0	33.45				
12/2	1103	S	P	60	14.2	31.82				
12/3	1135	S	P	0.0	17.9	32.16	0.04	-	0.5	
		B	P	0.0	15.4	32.07	0.03			
12/12	1540	S	O	-	10.5	28.64				
12/19	1330	S	O	-	15.7	32.70	0.01			
1958										
2/12	1017	S	O	-	11.0	27.29	0.02			
2/18	1310	S	O	-	9.2	25.19				
3/4	1254	S	O	-	17.0	30.52	0.07			
3/18	1006	S	O	-	17.3	31.09				
4/1	1405	S	O	-	19.9	29.36	0.02			
4/21	0937	S	O	-	21.0	31.29				
5/1	1214	S	O	-	26.2	31.89				
5/20	1419	S	O	-	26.0	33.39	0.01			
5/29	1528	S	O	-	29.2	33.68				
6/11	1236	S	O	-	30.3	34.16	0.04			

STATION A 1i Depth of 17 feet 27°55' N. 82°51.4' W.

1957										
10/2	1246	S	P	105	27.6	-	0.07	-		
		B	P	75	27.7	-	0.05			
10/14	1052	S	P	46	25.6	33.21	0.10			
		B	P	30	25.0	33.22	0.08			
10/15	1129	S	P	62	25.3	32.88				
		B	P	60	25.0	33.94				
10/22	1047	S	P	280	23.6	33.18				
		B	P	220	23.8	33.18				

STATION A 1i (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
11/4	1200	S	P	40	21.9	33.08	0.07			
		B	P	20	21.4	33.82	0.24			
12/3	1115	S	P	0.0	17.0	31.67	0.05	-	0.5	
		B	O	-	16.8	31.85	0.01			

STATION A 1j Depth of 15 feet 27°51.1' N. 82°51.3' W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1957										
9/24	1047	S	P	0.2	30.4	32.44	0.08			
		B	P	0.1	29.5	32.46	0.11			
9/26	0959	S	P	194	29.3	33.35				
		B	P	222	29.5	33.35				
10/2	1225	S	P	275	27.5	-	0.03			
		B	P	0.0	27.2	-	0.40			
10/8	1103	S	P	122	26.3	32.73	0.09			
		B	P	140	26.0	32.59	0.14			
10/14	1046	S	P	46	25.6	32.83	0.03			
		B	P	40	25.1	33.10	0.04			
10/15	1110	S	P	20	25.2	32.88				
		B	P	22	24.9	33.03				
10/22	1039	S	P	120	23.7	33.12				
		B	P	100	24.0	33.09				
11/4	1150	S	P	60	21.9	33.28	0.16			
		B	P	0.8	21.4	33.49	0.16			
12/3	1106	S	P	0.0	17.0	32.07	0.04	-	0.7	
		B	P	0.0	16.9	32.12	0.01			
12/16	1136	S	O	-	13.1	32.97	0.07	0.4	0.6	0.5
		B	O	-	13.0	32.86	0.04	0.4	0.6	0.4
1958										
1/15	1018	S	O	-	12.9	32.25	0.04	-	0.9	0.1
		B	O	-	12.7	32.88	0.05	2.0	4.5	1.8
1/28	0949	S	O	-	13.3	31.33	0.03	1.0	1.3	0.3
		B	O	-	13.4	31.17	0.01	2.4	4.3	1.1
2/10	1021	S	O	-	11.8	29.45	0.05	0.9	0.9	0.4
		B	O	-	11.9	29.52	0.03	0.9	1.4	1.1
2/25	1059	S	O	-	12.9	31.85	0.03	0.5	0.6	0.1
		B	O	-	12.8	31.94	0.03	1.6	2.2	0.1
3/11	0937	S	O	-	18.2	31.71	0.02	0.8	1.1	0.0
		B	O	-	18.2	31.67	0.02	1.3	1.9	0.4
3/26	1005	S	O	-	17.0	30.46	0.02	0.4	0.7	0.3
		B	O	-	16.9	30.53	0.00	1.4	2.5	0.4

STATION A 1j (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
4/7	1013	S	P	0.2	19.9	32.45	0.02	1.3	1.9	0.2
		B	O	-	19.5	32.68	0.03	2.7	4.5	0.9
4/21	1037	S	P	0.4	21.1	31.53	0.02	0.3	0.8	0.5
		B	P	0.3	21.2	31.56	0.02	0.2	0.8	0.4
5/8	1241	S	O	-	24.1	32.16	0.03	0.5	1.3	0.4
		B	O	-	22.9	27.20	0.05	1.9	4.1	0.6
5/20	0947	S	P	0.0	25.0	33.24	0.05	1.6	2.2	0.3
		B	O	-	24.8	33.24	0.04	1.7	2.2	0.7
6/2	1013	S	P	-	29.0	34.02	0.03	0.3	0.7	0.4
		B	P	-	28.4	34.02	0.00	0.3	0.9	0.6
6/18	1000	S	O	-	29.7	34.22	0.01	1.5	2.3	0.4
		B	O	-	29.5	34.23	0.01	2.3	3.7	0.9
6/30	1008	S	O	-	29.9	33.55	0.02	0.7	1.4	0.1
		B	O	-	29.9	33.44	0.02	0.8	1.2	0.5
7/30	0952	S	O	-	31.5	33.39	0.01	1.0	1.9	0.3
		B	O	-	31.9	33.40	0.01	1.1	2.0	0.5
8/6	1021	S	O	-	29.1	33.44	0.02	1.2	3.2	0.5
		B	O	-	29.2	33.48	0.02	1.6	4.9	0.6
8/20	0931	S	O	-	29.6	32.95	0.00	0.5	1.2	0.5
		B	O	-	29.5	32.95	0.02	1.0	2.9	0.4
9/2	0955	S	O	-	30.0	27.85	0.04	0.5	1.3	0.1
		B	O	-	30.5	33.30	0.03	0.6	1.6	0.1
9/15	1000	S	P	0.2	29.7	33.28	0.03	1.8	3.4	0.9
		B	P	0.0	30.0	33.30	0.00	2.1	3.5	0.9
10/20	1014	S	O	-	23.4	32.29	0.09	1.4	2.1	0.3
		B	O	-	23.2	32.34	0.01	2.2	3.4	0.6
10/28	0820	S	O	-	22.2	32.97	0.03	0.4	0.7	0.3
		B	O	-	22.0	32.99	0.04	0.5	0.9	0.5
11/18	0835	S	O	-	22.8	32.62	0.03	0.2	0.8	0.4
		B	O	-	23.0	32.66	0.04	0.5	0.8	0.5
11/24	0844	S	O	-	23.0	32.79	0.06	0.5	1.2	0.2
		B	O	-	22.7	32.77	0.05	0.5	0.8	0.2
12/11	1012	S	O	-	13.7	29.96	0.07	0.6	1.4	0.2
		B	O	-	13.5	29.99	0.03	0.7	1.5	0.2
1959										
1/12	1230	S	O	-	13.1	30.08	0.04	-	0.8	0.7
		B	O	-	13.1	31.11	0.02	0.5	0.8	0.4
3/26	0829	S	O	-	19.5	30.81	0.01	0.8	1.6	0.3
		B	O	-	19.6	30.75	0.02	0.8	1.7	0.3
4/16	0956	S	O	-	20.2	31.46	0.02	0.4	0.9	0.2
		B	O	-	20.1	31.60	0.02	0.5	0.9	0.2

STATION A 1j (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
5/8	0907	S	O	-	25.7	32.75	0.03	1.0	2.0	1.6
		B	O	-	26.0	32.72	0.03	0.8	1.6	1.4
6/16	1103	S	P	0.0	29.3	33.93	0.03	1.5	2.0	0.9
		B	O	-	29.3	33.66	0.02	1.8	3.0	0.8
7/12	1105	S	P	0.8	27.8	30.25	0.05	1.7	2.3	1.0
		B	P	0.1	28.2	31.36	0.03	1.9	2.6	0.6
7/16	1010	S	O	-	29.8	32.48	0.02	2.9	3.7	0.1
		B	O	-	30.2	32.94	0.02	2.7	3.7	0.3
9/2	1011	S	P	0.0	28.7	31.02	0.00	3.7	4.9	0.5
		B	P	0.0	28.3	30.88	0.02	4.7	7.3	0.2
10/23	1030	S	P	33	26.8	31.55	0.05	3.6	4.3	0.2
		B	O	-	26.8	32.14	0.04	3.7	4.3	0.4
11/3	0939	S	P	0.0	24.2	32.18	0.03	1.6	2.8	0.2
		B	P	0.0	24.2	32.18	0.01	1.8	3.3	0.3

STATION A 7 Depth of 6 feet 27°47' N. 82°46.9 W.

1957							
7/2	0855	S	O	-	29.5	33.90	
7/9	0850	S	O	-	29.0	34.38	
7/17	0908	S	O	-	31.2	33.30	
7/26	1030	S	O	-	29.4	34.00	
8/1	1114	S	O	-	28.5		
8/12	0845	S	P	0.0	28.8	32.52	
8/20	0850	S	O	-	29.5	33.58	
8/26	0833	S	O	-	29.0	33.19	
9/3	1247	S	O	-	30.5	30.68	
9/5	1515	S	O	-	29.0	31.71	
		B	P	0.0	29.0	31.79	
9/10	1515	S	O	-	29.7	30.88	
9/16	1419	S	O	-	28.0	30.31	
9/18	1644	S	P	0.0	29.5	30.32	
		B	O	-	29.2	30.42	
9/23	1345	S	P	14	30.2		
9/29	1215	S	P	3100	28.7	32.63	
10/15	1614	S	P	54	25.3	31.60	0.20
10/18	1140	S	P	260	25.9	31.77	0.17
10/21	1225	S	P	300	24.1	32.52	
10/24	1205	S	P	80	24.0	32.87	
10/28	1359	S	P	12	19.0	32.37	
11/4	1356	S	P	4.0	22.7		
11/14	1058	S	P	5.6	20.0	33.38	

STATION A 7 (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
11/18	1132	S	P	120	23.7	33.00	0.06			
11/25	1131	S	P	340	22.8	32.73				
12/2	1050	S	P	220	16.8	33.24				
12/6	1055	S	P	320	15.2	32.21	0.05			
12/12	1625	S	P	0.0	11.5	31.87				
12/19	1342	S	O	-	16.0	33.46				
1958										
2/12	1205	S	O	-	12.5	32.21	0.02			
2/18	1259	S	O	-	10.5	30.12				
3/4	1241	S	O	-	16.5	31.27	0.08			
3/18	1040	S	O	-	17.8	30.84				
4/7	1350	S	O	-	18.5	31.00	0.02			
4/21	0950	S	O	-	21.5	31.98				
5/1	1227	S	O	-	26.5	31.98				
5/20	1431	S	O	-	25.7	33.12	0.01			
5/29	1538	S	O	-	29.3	33.33				
6/11	1225	S	O	-	30.0	33.80	0.05			

STATION A 7a — Depth of 11 feet — 27°48.2' N. — 82°49.2 W

1957										
9/26	1200	S	P	230	29.4	33.80				
		B	P	670	29.4	32.20				
10/2	1155	S	P	910	27.0	-	0.00			
		B	P	51	27.1	-	0.07			
10/8	1047	S	P	0.2	26.5	32.50	0.08			
		B	O	-	26.6	33.09	0.17			
10/14	1021	S	P	160	25.2	32.57	0.09			
		B	P	160	25.0	32.31	0.17			
10/15	1057	S	P	54	25.2	32.68	0.12			
		B	P	280	24.9	33.08	0.03			
10/22	1008	S	P	80	23.6	33.01				
		B	P	320	24.0	33.01				
11/4	1121	S	P	20	21.4	33.61	0.07	-		
		B	O	-	21.2	33.34	0.51			
12/3	1030	S	P	14	16.0	32.52	0.09	-		1.2
		B	P	8.0	15.8	32.61	0.01			

STATION A 7b Depth of 15 feet 27°46.9' N. 82°47.9' W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1957										
8/14	0839	S	-	-	29.7	32.35				
		B	-	-	29.3	34.72				
8/15	1120	S	O	-	31.0	33.97	-	-	1.6	
		M	O	-	29.5	35.30	0.08	-	0.6	
		B	O	-	29.5	35.29	0.14	-	1.5	
9/11	1052	S	P	0.1	28.8	32.69				
		B	O	-	28.8	33.77				
9/20	1217	S	P	0.0	29.0	31.68				
		B	O	-	29.0	32.75				
9/24	1014	S	P	0.5	30.5	31.97	0.21			
		B	P	-	30.0	33.72	0.10			
10/2	1145	S	P	74	27.0	-	0.07			
		B	P	37	26.8	-	0.07			
10/4	1345	S	P	3.6	-	-	0.19			
		B	P	0.0						
10/14	1013	S	P	240	25.3	32.02	0.16			
		B	P	11	25.0	32.54	0.22			
10/15	1050	S	P	100	25.2	32.61				
		B	P	60	24.9	32.80				
10/22	1007	S	P	180	23.5	32.62	0.14			
		B	P	200	24.0	32.76	0.22			
11/4	1112	S	P	20	21.4	33.45	0.58			
		B	P	0.2	21.4	34.18	0.24			
12/3	1015	S	P	1240	17.2	33.22	0.13	-	1.8	
		B	P	220	17.6	33.13	0.04			
12/16	1115	S	O	-	14.1	32.74	0.02	0.3	0.8	0.6
		B	O	-	13.5	32.97	0.01	0.6	0.7	1.3
1958										
1/15	0956	S	O	-	13.1	32.79	0.04	0.3	0.9	0.4
		B	O	-	12.7	32.95	0.03	0.9	2.1	0.4
1/28	0926	S	O	-	13.3	31.69	0.06	0.6	1.3	1.2
		B	O	-	13.5	32.30	0.01	1.7	4.2	0.6
2/10	0959	S	O	-	12.2	30.43	0.07	1.0	1.8	0.6
		B	O	-	12.2	31.73	0.04	2.4	3.7	0.4
2/25	1037	S	O	-	14.6	32.29	0.04	0.5	0.7	0.1
		B	O	-	13.0	32.54	0.04	1.4	1.8	0.1
3/11	0916	S	P	0.0	18.1	31.92	0.00	1.0	1.2	0.3
		B	O	-	17.9	32.45	0.02	1.2	1.9	0.3
3/26	0943	S	O	-	16.9	30.72	0.02	0.8	1.0	0.5
		B	P	0.0	16.7	31.73	0.00	1.5	2.7	0.5

STATION A 7b (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
4/7	0950	S	P	0.2	20.4	32.00	0.02	1.9	2.4	0.0
		B	O	-	19.0	32.65	0.02	3.2	5.1	0.7
4/21	1015	S	P	0.0	20.2	32.05	0.02	0.2	-	0.5
		B	P	0.0	21.0	32.30	0.02	-	1.2	0.6
5/6	0928	S	P	0.0	25.9	32.74	0.01	0.8	2.7	0.6
		B	P	0.0	26.0	32.59	0.01	1.7	2.1	0.4
5/8	1220	S	O	-	25.1	32.50	0.00	0.5	0.8	0.2
		B	O	-	23.5	32.63	0.03	1.9	3.9	0.4
5/20	0921	S	P	0.0	25.0	32.92	0.05	1.8	2.1	0.4
		B	O	-	24.8	33.15	0.04	0.5	-	0.4
6/2	0950	S	O	-	28.0	34.27	0.02	0.7	1.3	0.6
		B	O	-	27.8	34.27	0.00	1.0	1.5	0.5
6/18	0937	S	P	0.0	29.7	34.04	0.01	1.7	2.6	0.5
		B	O	-	29.5	34.02	0.03	1.9	3.2	0.3
6/30	0946	S	O	-	30.0	33.78	0.02	0.9	2.1	0.9
		B	O	-	30.0	33.82	0.02	1.7	2.6	0.3
7/30	0931	S	O	-	31.9	33.21	0.00	1.7	2.7	0.4
		B	O	-	32.0	33.26	0.01	2.3	2.9	0.4
8/6	0958	S	O	-	29.0	33.17	0.01	0.9	2.5	0.5
		B	O	-	29.1	33.93	0.01	2.3	5.2	
8/20	0910	S	O	-	29.1	27.81	0.02	2.4	3.7	0.6
		B	O	-	30.0	33.40	0.02	2.2	4.8	0.4
9/2	0930	S	O	-	30.0	32.63	0.02	1.0	2.3	0.1
		B	O	-	30.4	33.58	0.03	1.3	2.6	0.2
9/15	0937	S	P	0.0	29.7	32.63	0.02	2.4	3.4	
		B	P	0.0	29.9	33.10	0.02	3.1	4.7	0.3
10/20	0950	S	P	0.0	23.9	32.84	0.03	1.5	2.4	0.2
		B	O	-	23.7	32.92	0.02	3.7	3.8	0.2
10/28	0758	S	P	0.0	22.2	33.01	0.03	0.9	1.8	0.2
		B	P	0.1	22.5	33.19	0.03	0.9	1.9	0.1
11/18	0814	S	O	-	22.6	33.08	0.03	0.7	1.5	0.3
		B	O	-	23.0	33.08	0.03	0.8	1.7	0.2
11/24	0828	S	O	-	22.8	32.86	0.04	0.7	1.3	0.4
		B	O	-	22.8	33.12	0.04	0.7	0.8	0.3
12/17	0948	S	O	-	15.7	31.83	0.05	0.5	1.0	0.2
		B	O	-	15.5	31.83	0.04	0.6	2.0	0.2
1959										
1/12	1207	S	O	-	12.7	30.72	0.03	0.8	1.3	0.5
		B	O	-	13.1	31.55	0.02	0.6	0.9	0.5
3/26	0806	S	O	-	19.6	30.34	0.01	1.6	2.4	0.2
		B	O	-	19.8	31.02	0.00	1.5	2.8	0.0

STATION A 7b (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
4/16	0935	S	O	-	20.3	32.34	0.02	0.9	1.5	0.2
		B	O	-	20.3	31.51	0.02	0.9	1.6	0.3
5/8	0845	S	O	-	25.2	33.06	0.04	0.6	1.1	2.2
		B	O	-	25.2	33.33	0.03	0.5	1.0	1.7
6/16	1042	S	O	-	29.3	33.58	0.04	2.3	3.3	0.8
		B	O	-	29.5	33.84	0.02	2.4	3.8	0.9
7/16	0947	S	O	-	30.4	32.47	0.02	3.5	4.2	0.1
		B	O	-	30.5	32.65	0.03	3.2	5.3	0.1
8/12	1040	S	C	-	27.8	23.46	0.04	4.6	5.6	0.9
		B	O	-	27.8	30.28	0.03	3.1	4.8	0.8
9/2	0947	S	P	0.0	28.2	30.08	0.01	3.8	5.0	0.3
		B	O	-	28.6	31.22	0.02	4.0	6.6	0.5
10/23	1004	S	P	0.6	27.1	28.33	0.05	4.5	5.5	0.3
		B	P	0.0	26.9	32.30	0.05	3.6	4.3	0.1
11/3	0916	S	P	0.1	24.5	31.91	0.03	2.9	4.0	0.3
		B	P	0.0	24.6	32.43	0.01	3.1	4.6	1.0

STATION A 7c Depth of 17 feet 27°47' N. 82°47' W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958										
9/17	0953	S	P	0.2	29.6	32.41	-	-	4.6	
		B	P	0.2	29.5	32.74	-	-	3.6	
9/18	1108	S	P	0.2	30.4	32.21				
		B	P	0.2	30.9	32.45				
9/23	1129	S	P	0.3	30.5	33.37				
		B	P	0.3	30.5	33.30				
9/24	1400	S	P	0.1	30.4	32.77	-	-	5.4	
		B	P	0.1	30.6	32.86	-	-	6.2	
9/25	1110	S	P	0.3	30.0	33.75	-	-	3.9	
		B	P	0.3	30.3	33.69	-	-	4.0	
9/29	1055	S	P	0.0	29.0	33.51				
		B	P	0.0	28.7	33.55				
10/21	1115	S	P	0.0	22.8	32.59				
		B	P	0.0	22.9	32.70				
10/30	1445	S	O	-	21.2	32.81				
		B	P	0.0	21.4	32.86				
11/19	1043	S	P	0.0	24.0	32.57				
		B	O	-	23.7	32.56				
11/25	1052	S	C	-	23.2	32.88				
		B	C	-	23.0	32.90				
12/18	1420	S	O	-	15.3	31.71				
		B	O	-	15.5	31.73				

STATION A 7c (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1959										
1/8	1050	S	O	-	15.3	31.49				
		B	O	-	15.8	31.62				
2/12	1500	S	P	0.0	20.0	32.32				
		B	O	-	20.2	32.21				
3/30	1056	S	P	0.0	20.4	30.91				
		B	O	-	20.4	30.81				
4/23	1116	S	O	-	22.8	30.99				
		B	O	-	22.9	31.08				
5/18	1350	S	O	-	28.2	32.86				
		B	O	-	29.0	32.88				
6/22	1417	S	O	-	30.7	31.49				
		B	O	-	30.4	31.49				
7/13	1205	S	O	-	30.0	30.12				
		B	O	-	29.8	30.52				
8/14	1210	S	O	-	29.0	26.55				
		B	O	-	28.9	26.55				
9/15	0945	S	P	0.0	29.8	28.95				
		B	O	-	29.7	29.27				
10/13	1410	S	P	16	29.9	32.07				
		B	P	4.0	29.8	32.30				
11/16	1400	S	O	-	22.8	32.03				
		B	O	-	22.7	32.21				
12/28	1055	S	O	-	18.2	32.25				
		B	O	-	17.8	32.47				

STATION A 7d — Depth of 10 feet — 27°47.2' N. — 82°46' W.

1957										
11/29	0750	S	P	3100	21.8	33.10				
12/3	1358	S	P	8480	18.6	33.15	0.04			
1958										
1/10	1105	S	O	-	9.9	30.53	0.06	-	1.5	
1/22	1114	S	O	-	13.6	31.22	0.05	-		
3/4	1500	S	O	-	15.5	29.22	0.06	-	2.2	
		B	O	-	15.0	29.25	0.08	-	2.5	
3/13	0933	S	O	-	19.3	29.63	0.03	-	2.8	
		B	O	-	18.8	30.77	0.04	-	2.6	
3/18	1025	S	O	-	18.0	29.79	0.02	-	2.2	
		B	O	-	17.7	30.16	0.02	-	2.2	
3/25	1350	S	O	-	17.9	29.00	0.06	-	1.8	
		B	O	-	17.5	29.58	0.05	-	1.8	

STATION A 7d (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
4/2	1105	S	O	-	20.1	28.59	0.04	-	2.0	
		B	O	-	17.6	32.07	0.02	-	1.9	
4/11	0920	S	O	-	21.0	29.42	0.00	-	2.7	
		B	O	-	20.5	30.77	0.02	-	2.7	
4/17	1515	S	O	-	20.1	28.84	0.01	-	4.6	
		B	O	-	19.5	29.05	0.01	-	4.7	
4/23	1014	S	O	-	23.5	29.23	0.02	-	2.2	
		B	O	-	22.5	30.91	0.01	-	5.2	
4/29	1350	S	O	-	27.5	31.18	0.01			
		B	O	-	25.5	31.67	0.01	-	5.2	
5/8	1000	S	P	0.0	22.9	32.14	0.04	-	1.9	
		B	O	-	22.7	32.34	0.03	-	2.7	
5/13	1110	S	O	-	25.5	30.86	0.02	-	2.1	
		B	O	-	24.5	31.44	0.01	-	2.7	
5/21	1107	S	O	-	27.5	30.28	0.01	-	2.0	
		B	O	-	26.7	32.43	0.01	-	4.0	
5/27	0955	S	O	-	27.5	33.04	0.03	-	2.4	
		B	O	-	27.1	33.28	0.03	-	2.6	
6/3	1039	S	F	0.0	28.4	33.62	0.02	-	1.7	
		B	O	-	28.0	33.64	0.02	-	2.5	
6/10	1048	S	O	-	29.3	33.87	0.00	-	2.5	
		B	O	-	29.0	33.86	0.00	-	2.8	
6/16	1027	S	O	-	30.0	33.37	0.09	-	5.4	
		B	O	-	30.0	33.39	0.08	-	5.8	
6/24	1030	S	O	-	29.1	33.48	0.02	-	4.4	
		B	O	-	29.0	33.57	0.03	-	4.2	
7/2	1040	S	O	-	29.5	32.86	0.02	-	2.3	
		B	O	-	29.3	33.19	0.02	-	3.0	
8/6	1140	S	O	-	30.1	31.36	0.02	-	3.8	
		B	O	-	29.6	31.69	0.02	-	5.3	
8/13	1047	S	O	-	29.3	31.76	0.01	-	2.4	
		B	O	-	29.0	32.03	0.06	-	3.8	
8/19	1518	S	O	-	29.0	28.04	0.03	-	3.4	
		B	O	-	28.9	27.38	0.03	-	3.4	
8/26	1000	S	O	-	31.0	32.59	0.04	-	2.3	
		B	O	-	29.8	32.66	0.06	-	2.8	
9/3	1036	S	O	-	30.3	32.77	0.00	-	2.8	
		B	O	-	30.1	32.81	0.00	-	2.9	
9/9	1045	S	O	-	31.0	32.90	0.02	-	2.1	
		B	O	-	30.3	33.40	0.02	-	3.3	

STATION A 7d (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
9/17	0941	S	P	0.3	29.6	32.41	0.02	-	5.9	
		B	P	0.3	29.6	32.54	0.04	-	3.4	
9/23	1108	S	P	0.1	30.5	32.48	0.02	-	4.0	
		B	P	0.6	30.3	32.70	0.00	-	4.2	
9/29		S	O	-	28.9	32.94	0.02	-	3.2	
		B	O	-	28.8	32.90	0.02	-	5.9	
10/21	1105	S	P	0.0	22.9	33.51	0.03	-	2.1	
		B	P	0.0	22.7	32.65	0.03	-	13.1	
10/30	1430	S	P	0.0	21.9	32.90	0.04	-	2.5	
		B	P	0.0	21.1	32.90	0.03	-	2.3	
11/19	1030	S	P	0.0	24.5	32.41	0.05	-	1.3	
		B	O	-	23.9	32.61	0.03	-	5.7	
11/25	1042	S	O	-	23.8	32.54	0.05	-	3.0	
		B	O	-	23.5	32.54	0.05	-	2.8	
12/18	1406	S	O	-	14.9	31.80	0.05	-	1.4	
		B	O	-	14.7	31.83	0.11	-	15.8	
1959										
1/8	1033	S	O	-	15.2	30.12	0.03	-	1.5	
		B	O	-	15.5	30.68	0.02	-	18.7	
2/12	1445	S	O	-	22.1	31.47	0.03	-	2.6	
		B	O	-	21.2	31.82	0.02	-	5.6	
3/30	1045	S	O	-	20.9	27.99	0.05	-	3.3	0.1
		B	O	-	20.5	29.67	0.03	-	6.5	0.4
4/23	1100	S	O	-	23.3	28.95	0.02	-	3.5	
		B	O	-	22.8	30.03	0.02	-	4.5	
5/18	1340	S	P	0.1	28.6	32.41	0.03	-	3.5	
		B	O	-	28.0	33.13	0.03	-	8.2	
6/22	1408	S	O	-	30.4	31.09	0.04	-	5.0	
		B	O	-	30.0	31.31	0.04	-	14.2	
7/13	1155	S	O	-	30.0	30.12	0.03	-	4.1	
		B	O	-	29.6	30.64	0.02	-	7.9	
8/14	1200	S	O	-	29.5	22.66	0.09	-	6.1	
		B	O	-	28.3	28.17	0.03	-	7.7	
9/15	0936	S	O	-	29.9	27.90	0.01	-	6.2	
		B	O	-	29.9	28.71	0.02	-	7.7	
10/13	1400	S	P	3.0	30.7	30.95	0.03	-	3.9	
		B	P	1.8	29.3	32.20	0.00	-	7.6	
11/16	1350	S	O	-	23.0	31.83	0.02	-	3.0	
		B	O	-	22.9	31.76	0.03	-	3.4	
12/28	1045	S	O	-	18.8	31.22	0.01	-	2.1	
		B	O	-	17.8	31.22	0.01	-	2.8	

STATION A 10 Depth of 5 feet 27°44.2' N. 82°45.3' W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3- NO_2
1957										
7/2	0902	S	O	-	29.7	32.91				
7/9	0857	S	O	-	29.2	32.13				
7/17	0914	S	O	-	30.8	32.56				
7/26	1015	S	O	-	28.7	32.65				
8/1	1121	S	O	-	28.5	31.18				
8/12	0952	S	O	-	29.3	30.12				
8/20	0900	S	O	-	30.0	31.96				
8/26	0840	S	O	-	28.2	30.59				
9/3	1254	S	O	-	30.5	31.10				
9/5	1606	S	O	-	28.5					
9/10	1505	S	O	-	30.8	28.24				
9/16	1425	S	O	-	28.0	29.45				
9/18	1700	S	O	-	29.4	29.55				
		B	O	-	29.0	29.92				
9/23	1352	S	P	0.1	31.0	29.50				
10/15	1620	S	P	0.4	25.8	31.64	0.09			
10/18	1000	S	P	220	25.4	31.64	0.06			
10/21	1230	S	P	220	24.0	32.20				
10/24	1212	S	P	80	24.0	32.03				
10/28	1355	S	P	80	19.0	32.63				
11/4	1351	S	P	90	23.0					
11/14	1103	S	P	5.8	20.0	32.67				
11/18	1139	S	P	200	23.7	32.28	0.05			
11/25	1125	S	P	36	22.8	31.92				
12/2	1045	S	P	800	16.0	32.45				
12/6	1100	S	P	580	14.5	31.83	0.04			
12/12	1526	S	P	14	12.0	29.29				
12/19	1347	S	O	-	16.0	32.18				
1958										
2/12	1000	S	O	-	12.2	30.08	0.01			
2/18	1252	S	O	-	10.0	29.97				
3/4	1234	S	O	-	17.7	26.29	0.07			
3/18	1047	S	O	-	18.0	29.14				
4/1	1344	S	O	-	20.3	27.47	0.04			
4/21	0956	S	O	-	21.8	30.19				
5/1	1232	S	O	-	27.7	30.55				
5/20	1437	S	O	-	27.8	30.34	0.02			
6/11	1220	S	O	-	29.6	32.63	0.05			

STATION A 10a Depth of 33 feet 27°43.4' N. 82°53.5' W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1957										
8/15	1023	S	O	-	30.1	34.33	-	-	1.4	
		B	O	-	29.5	35.74	-	-	0.6	
9/12	1315	S	P	0.2	29.2	34.28				
1958										
9/15	1326	S	O	-	30.1	34.56	0.02	0.6	1.0	0.4
		M	P	0.0	30.2	34.56	0.02	0.6	1.0	0.3
		B	O	-	29.7	34.58	0.02	0.6	1.0	0.3
10/20	1310	S	O	-	24.3	33.51	0.03	0.8	0.9	0.2
		M	O	-	24.7	33.33	0.08	0.7	0.7	0.2
		B	O	-	24.7	33.44	0.03	1.0	1.4	0.2
10/28	1110	S	O	-	23.3	33.60	0.01	0.3	0.4	0.2
		M	O	-	23.5	33.58	0.01	0.2	0.4	0.2
		B	O	-	23.5	33.60	0.00	0.3	0.5	0.1
11/18	1117	S	P	0.1	23.1	33.64	0.03	1.6	2.1	0.3
		M	P	0.2	23.0	33.68	0.03	1.5	2.2	0.4
		B	P	0.1	23.0	33.80	0.03	1.3	1.6	0.3
11/24	1128	S	P	0.0	23.0	33.77	0.07	0.3	0.5	0.4
		M	P	0.0	23.0	33.84	0.03	0.3	0.5	0.2
		B	P	0.0	23.0	33.91	0.03	0.4	0.6	0.5
1959										
1/19	0933	S	O	-	12.8	32.20	0.03	0.3	0.8	0.2
		M	O	-	12.8	32.30	0.03	0.3	0.7	0.0
		B	O	-	12.8	32.85	0.03	0.4	0.9	0.3
3/26	1041	S	P	0.0	19.7	32.54	0.02	2.2	4.0	0.5
		M	O	-	19.7	32.65	0.01	0.7	1.2	0.1
		B	O	-	19.2	33.06	0.02	1.4	3.1	0.1
4/16	1155	S	P	0.0	21.2	32.36	0.01	2.1	2.5	0.2
		M	O	-	21.2	32.39	0.02	2.2	2.7	0.2
		B	P	0.0	21.7	33.35	0.02	1.4	2.0	0.1
5/8	1154	S	O	-	25.2	33.77	0.03	0.8	1.2	1.7
		M	O	-	24.6	32.80	0.02	0.8	1.3	2.1
		B	O	-	24.2	34.47	0.02	0.7	1.3	2.5
6/16	1300	S	P	0.0	28.8	34.72	0.02	1.3	1.8	1.1
		M	O	-	28.8	34.36	0.02	1.4	2.0	0.5
		B	O	-	28.7	34.72	0.02	1.9	3.4	0.8
7/16	1210	S	O	-	30.8	34.31	0.03	0.6	1.3	0.1
		M	O	-	30.2	34.27	0.02	0.7	1.2	0.3
		B	O	-	30.3	34.45	0.02	0.6	1.3	0.2

STATION A 10a (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
8/12	1326	S	O	-	30.1	28.91	0.04	4.2	5.5	0.9
		M	O	-	28.5	31.02	0.04	2.7	2.7	0.8
		B	O	-	28.5	32.36	0.02	1.5	1.7	0.9
9/2	1218	S	P	0.1	29.0	32.27	0.02	1.1	1.4	0.2
		M	P	0.0	28.7	32.18	0.02	1.2	1.4	0.5
		B	O	-	28.7	32.50	0.04	1.5	2.4	0.2
10/23	1229	S	P	1.3	28.0	34.09	0.05	0.3	0.7	0.2
		M	P	0.1	27.3	34.20	0.04	0.3	-	0.3
		B	P	0.0	27.3	34.29	0.03	0.3	0.6	0.1
11/3	1209	S	P	0.1	25.2	33.24	0.04	2.0	2.5	0.9
		M	P	0.0	24.8	33.40	0.02	2.2	2.7	0.4
		B	P	0.0	24.8	33.31	0.03	2.1	2.7	0.6

STATION A 10b Depth of 8 feet 27°44.3' N. 82°45.3' W.

1957										
8/14	0900	S	-	-	29.5	33.71	-	-	0.8
		B	-	-	29.3	35.73	0.10		
9/11	1105	S	P	0.0	28.8	33.59	0.08	-	2.8
		B	O	-	28.4	34.26	0.05	-	2.7
9/20	1250	S	O	-	29.6	31.57			
		B	O	-	29.6	32.66			
9/24	1002	S	P	0.6	30.3	32.73			
		B	P	-	29.5	33.46			
9/26	0929	S	P	194	29.4	33.61			
		B	P	343	29.4	33.61			
9/29	1230	S	P	30000	28.7	32.14			
		B	P	4940	28.5	32.26			
10/2	1132	S	P	150	26.9	-	0.09		
		B	O	-	26.8	-	0.02		
10/4	1245	S	P	4.3	-	-	0.15		
		B	O						
10/8	1028	S	P	2.0	27.0	33.72	0.08		
		B	P	0.0	27.0	33.77	0.16		
10/14	1002	S	P	260	26.0	33.07	0.08		
		B	P	240	25.2	33.08	0.08		
10/15	1035	S	P	620	25.3	33.36	0.10		
		B	P	900	25.7	33.25	0.17		
10/22	0950	S	P	420	23.8	33.01	0.09		
		B	P	540	24.0	33.10	0.16		
11/4	1058	S	P	40	22.1	33.49	0.21		
		B	P	10	21.9	33.44	0.19		

STATION A 10b (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
11/27	0902	S	P	360	20.6	34.20	0.03			
		B	P	140	21.0	34.20	0.04			
12/3	0935	S	P	720	17.5	32.99	0.05	-	1.7	
		B	P	148	17.7	33.22	0.01			
1958										
9/17	1039	S	P	0.9	29.5	33.21	-	-	4.7	
		B	P	0.9	29.7	33.24	-	-	8.6	
9/18	1132	S	P	0.6	30.5	32.90				
		B	P	0.5	30.4	32.52				
9/23	1150	S	P	0.3	30.6	33.98				
		B	O	-	30.5	34.07				
9/24	1330	S	P	0.1	30.5	33.35	-	-	4.2	
		B	P	0.1	31.0	33.35	-	-	4.8	
9/25	1040	S	P	0.5	30.2	33.87	-	-	3.8	
		B	P	0.7	30.4	33.87	-	-	4.0	
9/29	1033	S	O	-	28.8	33.37				
		B	O	-	29.5	33.57				
10/21	1140	S	P	0.0	23.4	32.86				
		B	O	-	23.6	33.10				
10/30	1500	S	O	-	21.4	32.97				
		B	P	0.0	21.8	33.08				
11/19	1112	S	O	-	24.0	32.86				
		B	O	-	23.6	33.08				
11/25	1110	S	O	-	23.4	33.12				
		B	O	-	23.4	33.12				
12/18	1342	S	O	-	15.7	32.05				
		B	O	-	15.6	32.05				
1959										
1/8	1120	S	O	-	15.6	31.83				
		B	O	-	15.9	31.89				
2/12	1425	S	P	0.0	20.3	32.45				
		B	O	-	19.5	32.29				
3/30	1025	S	O	-	20.5	30.66				
		B	O	-	20.6	31.08				
4/23	1025	S	O	-	23.0	31.27				
		B	O	-	22.8	31.20				
5/18	1406	S	O	-	28.5	33.19				
		B	O	-	28.0	33.48				
6/22	1348	S	O	-	30.5	31.58				
		B	O	-	30.9	31.74				

STATION A 10b (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
7/13	1133	S	O	-	30.1	30.48				
		B	O	-	30.0	30.64				
8/14	1140	S	O	-	28.5	26.89				
		B	O	-	28.6	27.18				
9/15	0915	S	P	0.3	29.8	29.43				
		B	P	0.7	29.5	29.36				
10/13	1330	S	P	5.0	29.8	32.25				
		B	P	4.4	29.6	32.45				
11/16	1417	S	O	-	23.2	32.68				
		B	O	-	22.9	32.65				
12/28	1027	S	P	0.0	18.2	32.63				
		B	O	-	18.2	32.72				

STATION A 10c Depth of 8 feet 27°44.9' N. 82°45.6' W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1957										
11/26	1540	S	P	40000	21.8	31.80				
11/27	1410	S	P	100000	22.2	33.90				
11/29		S	P	13800	21.6	33.70				
12/3	1430	S	P	14600	17.5	32.12				
1958										
1/22	1057	S	O	-	13.6	31.22	0.07			
1/31	1132	S	O	-	16.2	30.95	0.05			
		B	O	-	14.0	31.91	0.07			
2/10	1020	S	O	-	11.0	31.02	0.05			
3/4	1435	S	P	0.1	19.9	30.07	0.06	-	2.5	
		B	O	-	15.7	31.02	0.09	-	8.8	
3/13	0920	S	P	0.0	19.0	30.91	0.04	-	2.5	
		B	O	-	18.4	31.69	0.02	-	3.1	
3/18	1010	S	O	-	17.9	30.16	0.02	-	1.6	
		B	O	-	17.6	31.11	0.03	-	3.9	
3/25	1340	S	O	-	18.1	30.34				
		B	O	-	17.5	30.53				
4/2	1047	S	O	-	20.5	32.10	0.02	-	1.7	
		B	O	-	17.4	32.92	0.00	-	7.8	
4/11	0903	S	O	-	20.5	31.94	0.02	-	2.7	
		B	O	-	20.0	32.10	0.02	-	3.0	
4/17	1440	S	O	-	20.9	32.01	0.01	-	1.9	
		B	O	-	19.0	32.18	0.01	-	4.4	
4/23	1000	S	O	-	23.0	30.64	0.00	-	1.8	
		B	O	-	22.2	31.74	0.00	-	5.9	

STATION A 10c (Contd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PC_4 In.	PC_4 Tot.	NO_3-NO_2
4/29	1338	S	O	-	28.1	31.38	0.03	-	2.3	
		B	O	-	25.7	31.89	0.01	-	6.1	
5/8	0942	S	P	0.0	22.5	32.30	0.04	-	2.1	
		B	O	-	22.0	32.30	0.04	-	13.9	
5/13	1055	S	P	0.0	26.3	32.00	0.04	-	1.3	
		B	O	-	25.0	32.07	0.00	-	5.1	
5/21	1052	S	O	-	27.0	32.21	0.03	-	3.9	
		B	O	-	25.8	32.72	0.02	-	5.2	
5/27	0940	S	O	-	27.1	33.57	0.02	-	2.5	
		B	O	-	27.1	33.75	0.04	-	8.7	
6/3	1022	S	P	0.0	28.2	33.49	0.02	-	2.0	
		B	O	-	27.6	33.58	0.01	-	15.8	
6/10	1030	S	O	-	29.0	33.64	0.01	-	3.3	
		B	O	-	28.5	33.71	0.02	-	9.3	
6/16	1002	S	O	-	29.6	32.77	0.06	-	5.9	
		B	O	-	29.5	32.77	0.08	-	8.9	
6/24	1010	S	O	-	29.5	33.57	0.02	-	3.4	
		B	O	-	29.0	33.75	0.02	-	11.0	
7/2	1027	S	O	-	29.1	34.29	0.03	-	2.6	
		B	O	-	28.8	33.75	0.02	-	13.4	
8/7	1120	S	O	-	30.7	32.38	0.04	-	2.4	
		B	O	-	30.0	32.81	0.02	-	18.6	
8/13	1020	S	O	-	30.1	32.54	0.02	-	4.0	
		B	O	-	28.6	32.59	0.02	-	6.2	
8/19	1459	S	O	-	29.5	32.30	0.03	-	2.6	
		B	O	-	29.0	32.56	0.02	-	15.0	
8/26	0942	S	O	-	31.0	32.79	0.05	-	2.3	
		B	O	-	30.8	31.98	0.04	-	6.1	
9/3	1018	S	O	-	30.1	32.70	0.00	-	2.6	
		B	O	-	30.0	32.70	0.01	-	17.6	
9/9	1030	S	O	-	31.2	33.35	0.02	-	2.8	
		B	O	-	30.6	33.48	0.02	-	6.1	
9/17	0923	S	P	0.0	29.5	31.91	0.03	-	5.9	
		B	P	0.4	29.5	32.20	0.02	-	5.4	
9/23	1050	S	P	0.1	30.5	33.73	0.00	-	4.0	
		B	P	0.1	30.4	33.95	0.01	-	10.6	
9/29	1200	S	P	0.2	29.6	32.41	0.02	-	3.2	
		B	P	0.2	28.2	33.30	0.02	-	18.8	
10/21	1043	S	P	0.0	23.2	33.10	0.03	-	1.4	
		B	P	0.0	23.2	33.13	0.03	-	17.4	

STATION A 10c (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
10/30	1410	S	P	0.0	21.3	32.97	0.04	-	1.5	
		B	O	-	21.4	32.97	0.01	-	5.5	
11/19	1011	S	P	0.0	24.0	32.68	0.04	-	1.9	
		B	P	0.0	23.6	32.90	0.03	-	3.0	
11/25	1024	S	O	-	23.8	32.59	0.05	-	2.6	
		B	O	-	23.0	32.92	0.05	-	19.7	
12/18	1330	S	O	-	15.7	32.07	0.10	-	1.1	
		B	O	-	15.2	32.05	0.12	-	4.1	
1959										
1/8	1130	S	O	-	15.8	30.41	0.02	-	1.4	
		B	O	-	15.8	32.43	0.02	-	4.2	
2/12	1415	S	O	-	22.6	31.58	0.02	-	4.1	
		B	O	-	20.2	32.29	0.02	-	10.4	
3/30	1011	S	O	-	20.8	28.44	0.03	-	3.9	0.4
		B	O	-	20.5	30.88	0.03	-	12.9	0.3
4/23	1021	S	O	-	24.2	30.10	0.03	-	4.4	
		B	O	-	22.8	30.57	0.02	-	5.8	
5/18	1322	S	O	-	29.6	32.39	0.03	-	4.1	
		B	O	-	28.8	33.06	0.03	-	12.8	
6/22	1337	S	O	-	31.4	31.38	0.08	-	5.8	
		B	O	-	30.4	31.76	0.03	-	13.7	
7/13	1125	S	O	-	30.2	29.96	0.02	-	5.3	
		B	O	-	30.2	30.30	0.02	-	7.8	
8/14	1130	S	O	-	29.0	25.05	0.06	-	5.4	
		B	O	-	28.4	27.25	0.06	-	6.1	
9/15	0903	S	P	1.0	29.8	28.62	0.03	-	7.0	
		B	P	0.1	29.6	29.34	0.00	-	16.7	
10/13	1328	S	P	20	30.6	31.82	0.02	-	5.9	
		B	P	1.6	29.2	32.74	0.02	-	9.5	
11/16	1335	S	P	0.0	23.2	32.21	0.02	-	2.5	
		B	O	-	23.1	32.56	0.02	-	10.0	
12/28	1017	S	O	-	18.8	31.04	-	-	3.1	
		B	O	-	17.9	32.50	-	-	19.8	

STATION A 10d Depth of 10 feet 27°45.5' N. 82°45.5' W.

1957										
12/2	1335	S	P	1560	16.5	32.39				
12/3	1420	S	P	700	17.5	32.16	0.04			
12/6	0935	S	P	100	14.5	32.48				

STATION A 10d (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958										
1/10	0955	S	O	-	10.0	30.44	0.01	-	1.3	
1/22	1052	S	O	-	13.6	31.09				
1/31	1113	S	O	-	14.5	30.66				
3/4	1425	S	O	-	19.9	26.83	-	-	3.5	
		B	O	-	19.5	26.78	-	-	3.5	
3/13	0910	S	O	-	19.5	29.02				
		B	O	-	18.9	30.43				
3/18	1000	S	O	-	17.8	30.34				
		B	O	-	17.7	29.88				
3/25	1330	S	O	-	17.9	28.08	0.04	-	2.1	
		B	O	-	17.1	29.97	0.04	-	1.8	
4/2	1040	S	O	-	20.2	28.17				
		B	O	-	18.0	32.14				
4/11	0855	S	O	-	21.0	29.36				
		B	O	-	20.3	30.66				
4/17	1430	S	O	-	19.5	29.13				
		B	O	-	19.2	30.90				
4/23	0953	S	O	-	23.0	30.05				
		B	O	-	22.2	31.22				
4/30	1328	S	O	-	27.6	29.67				
		B	O	-	26.6	30.12				
5/8	0935	S	O	-	22.3	32.29				
		B	O	-	22.0	32.43				
5/13	1050	S	O	-	25.3	31.11				
		B	O	-	24.7	31.33				
5/21	1045	S	O	-	27.0	30.75				
		B	O	-	25.8	32.23				
5/27	0930	S	O	-	27.6	32.61				
		B	O	-	27.0	33.26				
6/3	1015	S	O	-	28.2	33.46				
		B	O	-	28.0	33.49				
6/10	1015	S	O	-	28.7	33.10				
		B	O	-	28.6	33.17				
6/16	0953	S	O	-	29.8	32.74				
		B	P	0.0	29.8	32.77				
6/24	1103	S	P	0.0	29.3	33.51				
		B	O	-	29.2	33.64				
7/2	1020	S	O	-	29.1	33.35				
		B	O	-	29.0	33.42				

STATION A 10d (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3- NO_2
8/7	1110	S	O	-	30.0	31.60				
		B	O	-	29.7	31.74				
8/13	1012	S	O	-	29.8	31.27				
		B	O	-	28.5	32.56				
8/19	1443	S	O	-	29.3	26.36				
		B	O	-	29.1	29.20				
8/26	0928	S	O	-	31.6	31.92				
		B	O	-	31.0	32.65				
9/3	0955	S	O	-	29.9	31.94				
		B	O	-	29.9	32.14				
9/9	1020	S	O	-	31.2	32.47				
		B	O	-	30.8	32.79				
9/17	0914	S	O	-	29.2	31.08				
		B	O	-	29.3	31.20				
9/23	1042	S	P	0.2	30.9	31.24				
		B	P	0.3	30.5	32.94				
9/29	1157	S	P	0.1	28.8	32.99				
		B	P	0.1	27.8	33.21				
10/21	1040	S	P	0.2	22.5	32.38				
		B	P	0.2	22.5	32.70				
10/30	1405	S	O	-	21.2	33.04				
		B	O	-	21.4	32.95				
11/19	1000	S	O	-	24.5	31.94				
		B	O	-	24.0	32.01				
11/25	1017	S	O	-	23.7	33.12				
		B	O	-	23.5	32.59				
12/18	1320	S	O	-	14.7	31.89				
		B	O	-	14.5	31.89				
1959										
1/8	1020	S	O	-	15.3	29.79				
		B	O	-	15.5	29.96				
2/12	1405	S	O	-	22.0	31.29				
		B	O	-	21.7	31.49				
3/30	1005	S	O	-	20.5	26.74				
		B	O	-	20.8	28.95				
4/23	1015	S	O	-	24.5	27.34				
		B	O	-	23.2	28.26				
5/18	1317	S	O	-	28.6	30.99				
		B	O	-	28.2	31.64				
6/22	1330	S	O	-	30.3	28.64				
		B	O	-	29.9	31.06				

STATION A 10d (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
7/13	1115	S	O	-	29.9	28.26				
		B	O	-	29.6	28.35				
8/14	1122	S	O	-	29.0	24.31				
		B	O	-	29.3	24.18				
9/15	0954	S	O	-	29.8	26.20				
		B	O	-	29.7	27.83				
10/13	1313	S	P	18	30.6	30.61				
		B	P	1.8	29.4	31.46				
11/16	1325	S	P	0.0	23.2	32.03				
		B	O	-	22.8	32.65				
12/28	1010	S	O	-	18.5	30.79				
		B	O	-	18.8	30.95				

STATION A 10e — Depth of 11 feet — 27°44.4' N. — 82°44.8' W.

1957										
11/29	1135	S	P	43500	21.8	32.60				
		B	P	1040	23.5	33.10				
12/3	1433	S	P	26320	17.5	31.78				
1958										
1/10	0925	S	O	-	10.0	30.44	0.01	-	1.7	
1/22	1023	S	O	-	13.6	30.77				
		B	O	-	13.6	30.62				
1/31	1053	S	O	-	14.6	29.85				
		B	O	-	14.5	29.87				
3/4	1420	S	O	-	20.5	24.65	-	-	2.7	
		B	O	-	19.5	26.36	-	-	2.4	
3/13	0900	S	O	-	19.7	28.21				
		B	O	-	19.5	28.42				
3/18	0948	S	O	-	17.5	28.55				
		B	O	-	17.4	28.64				
3/25	1320	S	O	-	17.6	28.33				
		B	O	-	17.0	24.31				
4/2	1030	S	O	-	20.1	27.83				
		B	O	-	19.4	29.02				
4/11	0845	S	O	-	21.2	29.25				
		B	O	-	21.1	29.70				
4/17	1410	S	O	-	20.0	29.25				
		B	O	-	18.8	29.58				
4/23	0945	S	O	-	23.0	29.52				
		B	O	-	22.0	29.79				
4/29	1320	S	O	-	27.5	29.58				
		B	O	-	25.7	29.76				

STATION A 10e (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NC_2
5/8	0920	S	O	-	23.0	31.53				
		B	O	-	22.9	31.89				
5/13	1035	S	O	-	25.1	30.82				
		B	O	-	23.6	31.65				
5/21	1031	S	O	-	27.5	29.74				
		B	O	-	25.5	30.19				
5/27	0920	S	O	-	27.5	31.38				
		B	O	-	27.0	32.21				
6/3	1000	S	O	-	28.4	31.83				
		B	O	-	28.2	32.05				
6/10	1000	S	O	-	29.0	32.36				
		B	O	-	28.4	32.36				
6/16	0943	S	O	-	30.0	32.56				
		B	O	-	30.0	32.70				
6/24	1050	S	O	-	29.5	33.15				
		B	O	-	29.4	33.40				
7/2	1012	S	O	-	28.5	32.07				
		B	O	-	28.5	32.07				
8/7	1100	S	O	-	30.7	31.69				
		B	O	-	30.1	32.03				
8/13	0950	S	O	-	28.9	31.13				
		B	O	-	28.3	31.27				
8/19	1430	S	O	-	30.1	30.73				
		B	O	-	29.5	31.18				
8/26	0910	S	O	-	31.3	29.87				
		B	O	-	31.2	29.87				
9/3	0935	S	O	-	30.0	31.55				
		B	O	-	29.8	31.58				
9/9	1012	S	O	-	30.2	31.78				
		B	O	-	30.8	31.83				
9/17	0900	S	O	-	29.2	30.95				
		B	O	-	29.3	31.11				
9/23	1022	S	P	0.1	30.4	31.78				
		B	P	0.0	30.4	31.92				
9/29	1142	S	P	1.3	28.7	31.71				
		B	P	0.2	28.8	32.32				
10/21	1020	S	P	1.0	23.0	32.29				
		B	P	0.3	22.8	32.88				
10/30	1358	S	P	0.1	20.8	32.74				
		B	P	0.1	20.9	32.88				

STATION A 10e (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
11/19	0958	S	P	0.0	24.4	31.51				
		B	O	-	24.2	31.64				
11/25	1005	S	O	-	23.8	31.94				
		B	O	-	23.0	32.20				
12/18	1306	S	O	-	14.7	31.76				
		B	O	-	14.4	31.87				
1959										
1/8	1007	S	O	-	15.1	28.84				
		B	O	-	14.7	29.34				
2/12	1340	S	O	-	23.0	30.43				
		B	O	-	21.5	30.59				
3/30	0955	S	O	-	20.9	23.69				
		B	O	-	20.9	26.51				
4/23	1000	S	O	-	24.2	28.31				
		B	O	-	23.1	28.59				
5/18	1308	S	O	-	29.4	30.46				
		B	O	-	27.5	30.66				
6/22	1320	S	O	-	30.2	28.13				
		B	O	-	27.9	28.31				
7/13	1100	S	O	-	30.0	28.03				
		B	O	-	29.2	28.44				
8/14	1025	S	O	-	29.0	22.34				
		B	O	-	28.2	22.29				
9/15	0843	S	O	-	29.3	25.02				
		B	O	-	29.7	25.88				
10/13	1305	S	P	40	30.2	29.83				
		B	P	0.1	29.4	30.30				
11/16	1315	S	P	4.0	23.7	31.24				
		B	P	0.0	22.5	30.88				
12/28	1002	S	O	-	18.8	29.79				
		B	O	-	18.5	30.17				

STATION A 15 Depth of 12 feet 27°41' N. 82°44.3' W.

1957										
7/2	0911	S	P	0.0	29.8	33.62				
7/9	0840	S	O	-	29.5	34.17				
7/17	0920	S	O	-	31.0	33.21				
7/26	0915	S	O	-	29.0	33.67				
8/1	1130	S	O	-	28.5	32.63				
8/12	0900	S	O	-	29.5	31.53				

STATION A 15 (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
8/14	0924	S	O	-	30.5	31.76				
		B	O	-	30.0	32.47				
8/20	0910	S	O	-	30.0	33.43				
8/26	0847	S	O	-	28.5	32.14				
9/3	1240	S	O	-	29.8	29.03				
9/5	1625	S	O	-	28.6	27.82				
		B	O	-	28.6	27.84				
9/10	1451	S	O	-	30.5	31.62				
9/11	1132	S	P	0.0	28.9	33.93				
		B	P	0.0	28.6	34.22				
9/16	1330	S	O	-	28.0	27.25				
9/20	1322	S	O	-	29.8	28.87				
		B	O	-	29.8					
9/23	1402	S	P	1.1	30.0	32.39				
9/24	0936	S	O	-	30.5	30.97				
		B	O	-	31.0	31.52				
9/26	0915	S	P	140	29.5	33.67				
		B	P	276	29.3	33.91				
9/29	1237	S	P	238	28.8	31.47				
		B	P	234	28.4	32.36				
10/15	1605	S	P	6.0	25.5	32.81				
10/21	1132	S	P	580	24.5	32.82				
10/24	1215	S	P	240	24.0	32.25				
10/28		S	P	120	17.5	29.43				
11/4	1348	S	P	30	22.0					
12/6	0832	S	P	0.6	15.0	34.14	-	-	1.5	
		B	P	1.6	14.9	32.56				
12/12	1633	S	P	0.0	12.3	32.21				
12/19	1110	S	P	6.0	15.3	33.40				
1958										
2/12	1215	S	O	-	12.2	30.73				
2/18	1105	S	O	-	9.5	30.79				
3/17	1038	S	P	0.0	16.7	31.69				
4/1	1214	S	P	0.0	18.5	31.83				
4/21	0843	S	O	-	21.7	30.68				
5/1	1241	S	O	-	26.0	31.76				
5/29	0807	S	O	-	27.3	33.60				
6/11	0917	S	O	-	29.3	32.56	0.03			

STATION A 15a Depth of 16 feet 27°42.5' N. 82°44.9' W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1957										
10/2	1120	S	O	-	27.5	-	0.04			
		B	O	-	27.4	-	0.00			
11/27	0855	S	P	1940	21.0	34.60	0.05			
		B	P	980	21.4	34.40	0.02			
12/3	0925	S	P	840	17.5	33.39	0.12			
		B	P	440	17.5	33.30	0.01			
12/16	1053	S	O	-	14.4	33.39	0.05	0.4	0.8	0.3
		B	O	-	14.5	33.44	0.05	0.5	0.7	0.5
1958										
1/10	1425	S	O	-	10.9	32.05	0.03	-	1.8	
		B	O	-	10.8	31.49	0.06	-	1.7	
1/15	0936	S	O	-	13.5	32.03	0.01	0.9	1.3	0.1
		B	O	-	13.0	32.66	0.02	2.0	3.7	0.2
1/28	0908	S	O	-	13.4	32.03	0.06	0.8	1.7	1.3
		B	O	-	13.5	32.23	0.01	1.2	2.7	0.9
2/10	0940	S	O	-	12.2	30.57	0.08	-	1.0	0.8
		B	O	-	12.1	30.86	0.02	1.6	2.5	1.2
2/25	1019	S	O	-	14.0	32.48	0.02	0.5	0.5	0.1
		B	O	-	13.1	32.54	0.03	0.8	0.9	0.0
3/11	0857	S	O	-	18.5	31.71	0.03	1.4	1.9	0.1
		B	O	-	18.2	31.83	0.02	2.3	3.1	0.4
3/26	0955	S	P	0.6	17.1	30.86	0.01	0.7	1.1	0.3
		B	P	0.0	16.9	31.17	0.03	1.0	1.2	0.4
4/7	0930	S	P	0.0	20.4	31.74	0.04	2.6	3.1	0.0
		B	O	-	19.9	32.30	0.02	2.5	3.9	0.8
4/21	0956	S	O	-	21.5	32.27	0.02	0.8	1.2	0.4
		B	O	-	21.4	32.50	0.02	0.5	1.0	0.4
5/6	0906	S	O	-	26.3	32.50	0.04	1.7	2.3	0.2
		B	O	-	26.5	32.50	0.02	-	2.6	0.3
5/8	1200	S	O	-	25.1	32.32	0.04	0.4	1.0	0.6
		B	O	-	23.3	32.54	0.03	1.3	5.7	0.8
5/20	0908	S	P	0.1	24.9	32.61	0.04	2.8	3.3	0.5
		B	O	-	24.5	33.26	0.04	1.8	2.8	0.4
6/2	0931	S	O	-	27.9	34.42	0.01	0.9	1.4	0.8
		B	O	-	27.8	34.22	0.00	1.0	2.0	1.0
6/18	0917	S	O	-	30.2	33.51	0.01	1.8	2.8	0.3
		B	O	-	30.4	33.75	0.04	2.3	3.5	0.1
6/30	0928	S	O	-	29.9	33.82	0.01	1.9	3.1	0.4
		B	O	-	30.0	33.86	0.02	2.5	3.3	0.3

STATION A 15a (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
7/30	0912	S	O	-	32.1	33.22	0.00	2.8	3.5	0.2
		B	O	-	32.3	33.21	0.00	3.0	3.4	0.4
8/6	0940	S	O	-	29.6	33.08	0.02	1.5	3.8	0.4
		B	O	-	29.8	33.21	0.00	1.5	4.3	0.6
8/20	0846	S	O	-	29.5	33.04	0.04	1.5	2.2	0.5
		B	O	-	30.0	33.19	0.02	2.2	4.3	0.6
9/2	0913	S	O	-	30.5	33.22	0.09	1.0	1.8	0.3
		B	O	-	30.6	33.28	0.03	1.0	1.8	0.3
9/15	0915	S	P	0.2	29.6	32.99	0.02	4.1	5.0	0.4
		B	P	0.1	29.7	32.70	0.02	4.1	5.0	0.4
10/20	0931	S	P	0.1	23.9	33.12	0.02	1.2	1.7	0.1
		B	P	0.0	23.9	33.13	0.02	2.0	3.0	0.4
10/28	0738	S	O	-	22.8	33.44	0.03	0.8	1.4	0.8
		B	O	-	22.9	33.48	0.03	1.0	1.7	0.2
11/18	0756	S	O	-	22.5	33.17	0.03	1.5	1.6	0.4
		B	O	-	23.0	33.22	0.03	1.1	1.7	0.4
11/24	0807	S	O	-	23.0	33.28	0.05	1.2	1.6	0.1
		B	O	-	23.0	33.39	0.05	1.2	1.6	0.3
12/17	0929	S	O	-	15.7	32.25	0.05	0.7	1.5	0.2
		B	O	-	15.3	32.14	0.05	0.9	1.7	0.1
1959										
1/12	1148	S	O	-	13.7	31.96	0.04	0.6	1.0	0.4
		B	O	-	13.2	31.85	0.02	0.4	1.0	0.6
3/26	0735	S	O	-	19.1	31.47	0.01	1.1	1.8	0.1
		B	O	-	19.2	31.80	0.01	1.6	3.3	0.0
4/16	0917	S	P	0.0	21.0	31.42	0.02	2.1	2.8	0.2
		B	P	0.1	20.8	31.51	0.05	2.1	2.7	0.2
5/8	0826	S	O	-	25.0	33.39	0.03	0.8	1.4	2.0
		B	O	-	25.0	33.53	0.03	0.5	1.2	1.8
6/16	1022	S	O	-	29.3	33.37	0.06	3.5	4.1	0.5
		B	O	-	29.5	33.62	0.03	3.4	4.1	0.8
7/8	0921	S	O	-	30.1	32.70	0.03	2.0	3.0	0.1
		B	O	-	30.7	33.35	0.02	2.5	4.3	0.2
7/16	0928	S	O	-	30.5	31.80	0.03	4.9	5.6	0.0
		B	O	-	30.5	32.30	0.04	4.2	5.3	0.2
8/12	1021	S	O	-	28.0	29.07	0.03	4.1	4.5	0.6
		B	O	-	28.0	29.87	0.03	5.0	8.4	0.8
9/2	0925	S	P	0.0	28.0	24.49	0.02	5.5	7.8	0.3
		B	O	-	28.3	30.05	0.00	5.8	9.1	0.3

STATION A 15a (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
10/23	0944	S	P	0.4	27.0	31.02	0.05	5.0	5.4	0.2
		B	O	-	26.9	31.91	0.04	3.4	3.9	0.2
11/3	0855	S	O	-	24.7	32.30	0.02	3.2	4.3	0.5
		B	O	-	24.8	32.52	0.03	3.2	4.5	0.3

STATION A 15b Depth of 8 feet 27°42.3' N. 82°44.2' W.

1957										
12/6		S	P	320						
		B	P	34						
12/9	1205	S	P	140	16.6	31.64				
		B	P	140	16.8	31.74				
1958										
1/10	1150	S	O	-	10.5	30.63	0.05	-	5.5	
1/22	1148	S	O	-	14.0	30.57				
		B	O	-	14.8	30.77				
1/31	1022	S	O	-	14.2	30.72				
		B	O	-	14.5	30.68				
3/4	1540	S	O	-	20.0	28.73	-	-	4.7	
		B	O	-	17.9	29.25	-	-	3.5	
3/13	1008	S	O	-	20.0	28.48				
		B	O	-	19.8	29.47				
3/18	1100	S	O	-	18.4	29.81				
		B	O	-	17.9	30.55				
3/25	1430	S	O	-	18.6	28.59				
		B	O	-	17.5	29.36				
4/2	1130	S	P	0.0	20.5	29.85				
		B	O	-	19.2	30.21				
4/11	0948	S	O	-	21.5	28.55				
		B	O	-	21.0	29.40				
4/17	1550	S	O	-	20.7	30.03				
		B	O	-	19.9	30.46				
4/23	1050	S	O	-	23.5	29.42				
		B	O	-	22.6	30.28				
4/29	1445	S	O	-	29.0	29.27				
		B	O	-	27.0	29.97				
5/8	1025	S	O	-	23.5	31.44				
		B	O	-	23.4	31.56				
5/13	1155	S	P	0.0	25.7	30.26				
		B	O	-	25.0	30.86				
5/21	1305	S	O	-	29.5	29.38				
		B	O	-	26.5	31.87				

STATION A 15b (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
5/27	1035	S	O	-	28.6	31.58				
		B	O	-	28.0	31.62				
6/3	1120	S	O	-	28.6	29.99				
		B	O	-	28.4	31.64				
6/10	1110	S	O	-	29.7	31.65				
		B	O	-	29.0	31.65				
6/16	1117	S	O	-	31.1	31.15				
		B	O	-	30.2	32.29				
6/24	1103	S	O	-	30.0	32.47				
		B	O	-	29.5	32.81				
7/2	1128	S	O	-	30.0	32.00				
		B	O	-	29.5	32.20				
8/7	1210	S	O	-	31.8	32.52				
		B	O	-	30.5	32.52				
8/9	1545	S	O	-	30.7	31.15				
		B	O	-	29.4	31.24				
8/13	1115	S	O	-	29.3	30.79				
		B	O	-	28.9	30.82				
8/26	1030	S	O	-	32.2	31.65				
		B	O	-	31.4	32.03				
9/3	1130	S	O	-	31.2	31.80				
		B	O	-	30.5	31.94				
9/9	1111	S	O	-	31.5	30.68				
		B	O	-	30.5	30.77				
9/17	1114	S	O	-	29.7	31.40				
		B	O	-	29.7	31.40				
9/23	1245	S	P	0.0	31.0	31.42				
		B	O	-	30.7	31.46				
9/29	1237	S	P	0.1	29.9	32.29				
		B	P	0.0	29.2	32.27				
10/21	1225	S	P	0.0	24.3	32.03				
		B	P	0.0	23.3	32.47				
10/30	1540	S	P	0.0	21.2	32.77				
		B	O	-	21.4	32.86				
11/19	1142	S	P	0.0	24.9	31.31				
		B	O	-	24.5	31.27				
11/25	1140	S	P	0.0	24.2	31.27				
		B	P	0.0	23.8	31.83				
12/18	1512	S	O	-	15.5	31.73				
		B	O	-	15.6	31.80				

STATION A 15b (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1959										
1/8	1218	S	O	-	15.7	30.41				
		B	O	-	16.0	31.08				
2/12	1540	S	O	-	22.0	30.59				
		B	O	-	21.8	30.70				
3/30	1130	S	O	-	21.1	26.47				
		B	O	-	21.2	27.99				
4/23	1205	S	O	-	24.2	28.10				
		B	O	-	23.5	28.96				
5/18	1435	S	O	-	29.8	30.25				
		B	O	-	28.5	30.99				
6/22	1455	S	O	-	31.7	28.55				
		B	O	-	30.1	29.25				
7/13	1248	S	O	-	31.5	29.02				
		B	O	-	29.7	29.31				
8/14	1308	S	O	-	30.0	25.25				
		B	O	-	29.8	26.26				
9/15	1030	S	O	-	29.8	25.07				
		B	O	-	29.7	26.08				
10/13	1455	S	P	1.6	30.4	28.51				
		B	P	0.1	29.4	28.93				
11/16	1445	S	P	0.0	22.6	30.66				
		B	O	-	22.5	30.81				
12/28	1137	S	O	-	18.6	29.79				
		B	O	-	18.3	30.43				

STATION A 17 Depth of 13 feet 27°39.7' N. 82°40.6' W.

1957										
7/2	0845	S	O	-	29.5	32.90	0.04			
7/9	0917	S	O	-	29.0	31.61				
7/17	0926	S	O	-	30.8	31.81	0.04			
7/26	1100	S	O	-	28.1	30.88	0.02	-	5.4	
8/1	1057	S	O	-	28.5	32.26	0.08			
8/12	0722	S	O	-	29.2	28.52				
8/20	0915	S	O	-	30.5	30.73				
8/26	0855	S	O	-	28.8	28.23				
9/3	0815	S	O	-	28.5	26.86	0.02			
9/10	1014	S	O	-	28.0	29.06	0.02			
9/16	1322	S	O	-	27.8	26.09				
9/23	1214	S	O	-	30.0	28.73				

STATION A 17 (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
10/15	1009	S	P	0.0	25.3	25.88	0.21			
10/24	1002	S	P	96	24.0	27.89				
10/28	1310	S	P	110	19.0	28.57				
11/4	1543	S	P	16	22.9					
11/14	0810	S	P	1.6	20.0	29.76				
11/18	1235	S	P	100	24.5	30.24	0.08			
11/25	1016	S	P	5.0	22.7	30.18				
12/2	0955	S	P	420	14.8	30.43				
12/6	1042	S	P	500	14.5	30.05	0.06			
12/12	1452	S	P	180	12.0	30.44	0.02			
12/19	1105	S	P	6.0	15.2	29.18				
1958										
2/12	0950	S	O	-	12.0	30.17	0.02			
2/18	1059	S	O	-	9.3	30.91				
3/17	1032	S	O	-	16.3	29.76	0.02			
4/1	1108	S	O	-	19.5	28.17	0.04			
4/21	0849	S	O	-	21.5	28.42				
5/1	1248	S	O	-	27.5	28.35				
5/20	1250	S	O	-	26.5	28.24	0.03			
5/29	0813	S	O	-	28.2	29.22				
6/11	0923	S	O	-	29.2	30.59	0.03			
6/26	0837	S	O	-	29.0	31.49				

STATION A 20 Depth of 34 feet 27°36' N. 82°51.7' W.

1957										
8/14	1015	S	O	-	30.7	33.68	0.08	-	2.5	
		M	O	0.0	29.3	35.57	0.10	-	1.9	
		B	O	-	29.5	35.47	0.03	-	0.9	
9/11	1158	S	P	0.3	29.1	34.17	0.04	-	1.4	
		B	P	-	29.0	34.38	0.05	-	1.4	
9/24	1030	S	P	12	30.0	33.24				
		B	P	-	29.7	34.03				
10/2	1052	S	O	-	27.0					
		B	O	-	26.7	-	0.10			
10/6	1202	S	P	19	-	34.54	0.04			
		B	P	2.0	-	32.02	0.06			
10/11	1220	S	P	360	27.0	-	0.15			
		B	P	300	26.3	34.66	0.01			
10/12	0934	S	P	2380	26.4	34.37	0.02			
		B	P	680	26.2	34.58	0.08			

STATION A 20 (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
10/13	1045	S	O	-	25.5	33.54				
		B	O	-	25.5	33.78				
10/23	0829	S	P	600	24.0	33.19				
		B	P	180	24.0	33.37				
10/30	0852	S	F	140	20.0	33.27				
		B	P	120	20.7	34.33				
12/16	1449	S	P	0.1	15.2	33.49	0.02	0.4	0.4	0.1
		B	O	-	15.5	34.78	0.00	0.4	0.5	0.2
1958										
1/15	1315	S	O	-	14.9	32.88	0.05	0.7	1.0	0.4
		B	O	-	13.0	33.44	0.03	1.0	1.6	0.7
1/28	1242	S	F	0.0	14.0	32.83	0.03	-	0.7	0.2
		B	O	-	13.9	33.62	0.01	1.1	2.0	1.0
2/10	1314	S	O	-	12.2	32.07	0.02	0.5	0.7	0.8
		B	O	-	12.2	33.21	0.02	0.4	0.9	0.2
2/25	1401	S	O	-	13.0	33.21	0.00	0.4	0.4	0.1
		B	O	-	12.4	33.49	0.00	0.5	0.6	0.2
3/11	1240	S	P	0.0	18.1	32.07	0.03	1.3	1.7	0.4
		B	O	-	17.5	33.17	0.03	0.7	1.0	0.3
3/26	1259	S	F	0.1	16.7	32.41	0.03	1.0	1.2	0.1
		B	O	-	15.9	32.52	0.05	0.4	0.7	0.2
4/7	1319	S	O	-	18.5	34.09	0.04	0.5	0.8	0.5
		B	F	0.1	18.4	34.11	0.04	0.7	0.9	0.1
4/21	1349	S	P	0.0	20.6	33.48	0.02	0.6	1.0	0.4
		B	P	0.0	19.2	33.95	0.02	0.4	0.8	0.4
5/8	1534	S	F	0.1	24.6	32.86	0.02	0.9	1.2	0.4
		B	O	-	24.1	32.99	0.03	-	2.0	0.4
5/20	1252	S	O	-	25.1	34.52	0.01	0.5	0.6	0.8
		B	O	-	24.4	34.52	0.01	0.5	0.6	0.4
6/2	1317	S	O	-	29.1	34.45	0.02	1.0	1.3	1.0
		B	O	-	27.5	34.45	0.01	1.0	1.5	0.5
6/18	1306	S	O	-	29.9	34.67	0.04	0.6	1.2	0.1
		B	O	-	29.5	34.60	0.04	1.1	1.4	0.2
6/30	1309	S	O	-	31.2	34.58	0.02	0.7	1.5	0.5
		B	O	-	30.0	34.58	0.02	0.7	1.0	0.3
7/30	1337	S	O	-	32.2	33.62	0.02	1.0	2.0	0.5
		M	O	-	32.0	33.66	0.05	1.7	2.3	0.3
		B	O	-	31.4	34.14	0.02	0.9	1.7	0.6
8/3	1342	S	O	-	30.7	33.84	0.03	1.3	1.8	0.4
		M	O	-	30.7	33.91	0.02	1.2	1.8	0.3
		B	O	-	30.7	33.89	0.02	1.2	2.0	0.8

STATION A 20 (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
8/20	1226	S	O	-	31.4	33.33	0.03	2.4	2.9	0.3
		M	O	-	30.3	33.55	0.02	2.2	2.7	0.4
		B	O	-	30.1	33.93	0.02	1.1	1.7	0.6
9/2	1313	S	P	0.0	30.6	34.11	0.03	1.6	1.9	0.2
		M	O	-	31.0	34.11	0.08	1.3	1.8	0.2
		B	O	-	30.5	34.38	0.03	1.0	1.4	0.1
9/15	1403	S	P	0.0	30.5	34.65	0.02	0.4	0.8	1.5
		M	O	-	29.8	34.58	0.03	0.3	0.6	0.3
		B	O	-	30.0	34.63	0.01	0.5	0.8	0.3
10/22	0831	S	O	-	24.0	33.84	0.03	0.4	0.8	0.2
		M	O	-	24.0	33.89	0.03	0.5	0.7	0.0
		B	O	-	23.7	33.89	0.01	0.5	0.8	0.0
10/28	1145	S	O	-	23.7	33.89	0.01	0.2	0.5	0.2
		M	O	-	24.0	33.93	0.01	0.4	0.5	0.2
		B	O	-	23.7	33.89	0.01	0.2	0.5	0.0
11/18	1145	S	P	0.0	23.5	33.82	0.02	1.6	2.3	0.3
		M	P	0.2	23.2	33.82	0.05	1.6	2.3	0.3
		B	P	0.0	23.4	33.96	0.03	1.3	2.4	0.3
11/24	1152	S	P	0.3	23.1	33.57	0.03	1.6	1.9	0.2
		M	P	0.2	23.1	33.64	0.04	1.5	1.9	0.6
		B	P	0.2	23.0	33.82	0.04	0.9	1.3	0.3

STATION A 23 Depth of 27 feet 27°33.3' N. 82°48.6' W.

1957										
8/14	1050	S	O	-	31.7	33.12	0.12	-	3.0	
		M	O	-	29.4	35.04	0.09	-	1.3	
		B	O	-	29.4	35.01	0.17	-	1.5	
8/15	0851	S	P	0.0	30.4	35.02				
		B	O	-	29.5	35.92				
9/11	1248	S	P	0.1	29.4	33.62	-	-	1.4	
		B	P	0.0	28.8	33.91	0.05	-	2.3	
9/12	1140	S	P	0.4	28.9	34.17	0.03	-	1.0	
9/24	1020	S	P	6.4	29.9	33.93				
		B	P	-	29.6	32.61				
10/13	1720	S	P	250	26.0					
		B	P	2000	26.9					
10/23	0844	S	P	280	23.6	31.65				
		B	P	140	24.0	33.46				
12/6	0918	S	P	300	16.0	32.94				
		B	P	160	16.5	34.04				

STATION A 23 (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
12/19	1047	S	P	6.0	15.6	33.98	0.05	1.5	1.6	0.7
		B	P	0.0	15.5	34.63	0.01	1.0	1.3	0.2
1958										
1/14	1025	S	O	-	13.0	33.08	0.16	0.7	1.6	0.2
		B	O	-	12.9	33.15	0.11	-	-	2.2
1/20	1039	S	P	0.0	12.4	32.18	-	2.6	2.9	2.0
		B	O	-	12.6	32.83	0.08	1.1	1.6	0.8
2/6	1005	S	O	-	12.8	32.99	0.05	1.0	1.6	0.7
		B	O	-	12.9	33.13	0.04	1.4	2.7	0.2
2/20	0958	S	O	-	10.0	29.81	0.11	1.0	1.3	0.4
		B	O	-	9.8	31.04	0.05	1.2	1.4	0.3
3/6	0910	S	O	-	17.2	31.56	0.07	1.7	1.9	0.3
		B	O	-	16.9	32.14	0.03	1.0	1.4	0.3
3/17	0937	S	O	-	16.7	30.95	0.03	4.3	4.6	0.0
		B	O	-	16.4	34.04	0.04	1.5	1.5	0.1
4/1	0953	S	P	0.1	16.8	33.39	0.01	1.1	1.4	0.2
		B	P	0.1	16.5	33.55	0.01	1.0	1.4	0.2
4/18	0915	S	P	0.0	18.0	31.04	0.02	4.8	5.5	0.4
		B	P	0.0	19.4	32.54	0.02	2.2	3.1	0.7
4/28	0952	S	O	-	23.5	33.39	0.08	1.4	1.9	1.1
		B	O	-	22.9	33.57	0.08	1.5	1.9	0.0
5/12	0949	S	O	-	24.4	32.92	0.01	2.2	2.5	0.5
		B	O	-	24.0	33.60	0.02	2.1	2.7	0.4
5/26	0917	S	O	-	26.3	33.31	0.05	3.3	3.9	0.3
		B	O	-	25.4	34.31	0.03	1.2	1.4	0.8
6/9	0948	S	P	0.0	28.1	34.60	0.00	1.1	1.3	0.1
		B	P	0.0	28.0	34.60	0.00	1.1	1.8	0.4
6/25	0933	S	O	-	29.5	34.49	0.03	1.0	1.6	0.2
		B	O	-	29.3	34.25	0.02	1.3	2.1	0.3
7/1	0940	S	O	-	29.8	34.51	0.03	0.7	1.2	0.0
		B	O	-	30.0	34.52	0.02	0.8	1.3	0.6
7/31	0954	S	O	-	31.3	34.00	0.05	0.7	1.5	0.5
		M	O	-	31.4	34.00	0.03	0.7	1.4	0.5
		B	O	-	31.4	34.07	0.02	0.9	1.6	0.6
8/14	0903	S	O	-	29.8	34.05	0.03	0.7	1.2	0.2
		M	O	-	29.6	34.02	0.03	0.9	1.3	0.2
		B	O	-	29.6	34.05	0.01	0.7	1.1	0.2
8/25	0940	S	O	-	30.6	32.95	0.05	1.2	3.4	0.5
		M	P	0.0	31.0	34.04	0.09	-	2.1	0.3
		B	O	-	30.5	34.67	0.00	0.9	1.6	0.3

STATION A 23 (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
9/8	0952	S	C	-	30.2	34.29	0.01	1.8	2.3	0.3
		M	C	-	30.0	34.38	0.05	0.9	1.5	0.5
		B	C	-	29.8	34.40	0.00	0.7	1.3	0.4
9/22	0945	S	C	-	30.0	34.51	0.02	1.9	2.6	
		B	C	-	30.1	34.85	0.02	0.5	1.2	
10/22	0913	S	P	0.1	23.5	33.84	0.03	0.8	1.3	0.1
		B	P	0.0	23.5	33.87	0.01	0.9	1.3	0.0
10/29	0935	S	P	0.0	22.2	33.17	0.02	3.5	4.2	0.2
		B	C	-	22.1	33.24	0.02	2.9	3.6	0.4
11/13	0830	S	P	0.0	22.0	31.17	0.02	3.3	3.9	0.5
		B	P	0.1	22.3	33.08	0.02	3.3	3.8	0.7
11/20	0945	S	P	0.1	24.0	33.28	0.04	3.2	3.8	0.9
		B	P	0.4	23.8	33.82	0.03	2.1	2.9	0.2
12/10	1014	S	C	-	21.2	32.48	0.02	4.1	5.2	0.0
		B	C	-	21.0	32.48	0.03	-	5.3	0.0

STATION A 23a Depth of 35 feet 27°33.4' N. 82°50.8' W.

1957										
8/14	1033	S	C	-	30.7	33.29				
		B	C	-	29.3	35.64				
9/11	1235	S	P	0.4	29.2	33.66				
		B	P	0.0	28.8	33.98				
9/24	1345	S	P	-	30.2	33.45				
		B	P	14	29.8	34.05				
1958										
9/8	1426	S	P	0.0	31.5	34.90	0.03	4.2	4.9	0.4
		M	C	-	30.0	34.31	0.08	0.8	1.4	0.5
		B	C	-	30.0	34.29	0.02	1.0	1.6	0.4
9/22	1542	S	P	0.0	31.0	34.05	0.00	2.5	3.4	
		M	P	0.2	30.4	34.70	0.02	0.1	1.4	
		B	P	0.1	30.2	34.70	0.00	0.6	1.6	
11/13	0942	S	P	0.1	22.5	33.53	0.04	2.1	2.3	0.3
		M	C	-	22.5	33.68	0.05	2.0	2.3	0.3
		B	P	0.0	22.5	33.78	0.03	1.5	1.9	0.4
11/20	0955	S	P	0.1	23.5	33.78	0.04	2.1	2.4	0.3
		M	P	0.2	23.6	33.62	0.03	2.5	2.9	0.3
		B	P	0.2	23.5	33.98	0.03	1.6	2.0	0.4
12/10	1028	S	C	-	21.2	32.84	0.03	2.3	3.1	0.1
		M	C	-	20.7	32.45	0.03	3.1	3.8	0.0
		B	C	-	20.9	32.94	0.02	2.0	2.9	0.0

STATION A 24 Depth of 10 feet 27°31.7' N. 82°42.2 W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1957										
7/2	0929	S	O	-	29.5	35.11				
7/9	0921	S	O	-	29.2	32.88				
7/17	0941	S	O	-	31.5	33.87				
8/1	1141	S	O	-	28.3	33.86				
8/12	0916	S	O	-	29.3	25.32				
8/20	0950	S	O	-	30.5	32.04				
8/26	1007	S	O	-	28.5	29.06				
9/3	1227	S	O	-	30.0	30.75				
9/10	1446	S	O	-	30.0	33.23				
9/16	1245	S	O	-	27.5	32.46				
9/23	1159	S	P	0.1	30.0	30.52				
10/15	1555	S	P	0.0	25.7	25.75				
10/21	1132	S	P	0.0	23.5	28.99				
10/24	1016	S	P	0.0	24.4	29.47				
10/28	1255	S	P	2.0	18.0	27.82				
11/4	1255	S	P	0.4	23.5	30.13				
11/14	0825	S	P	11	20.0	28.72				
11/18	1253	S	P	14	24.8	32.32	0.05			
11/21	1115	S	P	0.4	20.2	32.40				
		B	P	0.2	21.2	32.40				
11/25	1057	S	O	-	23.0	31.67				
12/2	0938	S	P	60	14.5	33.42				

STATION A 24a Depth of 11 feet 27°31.5' N. 82°39.2' W.

1957										
11/4	1302	S	P	0.2	22.1	28.36				
11/25	1005	S	P	0.2	22.8	28.88				
12/2	0945	S	P	140	12.5	29.88				
12/6	1030	S	P	1360	14.0	28.42				
12/12	1440	S	P	220	12.0	28.71				
12/19	1055	S	P	300	14.8	29.34				
1958										
2/12	0940	S	O	-	11.8	26.62				
2/18	1050	S	O	-	9.2	24.65				
3/17	1023	S	O	-	15.8					
4/1	1158	S	O	-	19.5	24.02				
4/15	0858	S	O	-	20.5	22.56				
5/1	1258	S	O	-	27.3	27.20				
5/20	1006	S	O	-	25.5	29.87				
5/29	0822	S	O	-	28.3	30.77				

STATION A 24a (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
6/11	0931	S	O	-	29.5	31.87				
6/26	0817	S	O	-	28.7	32.27				

STATION A 25 Depth of 4 feet 27°30' N. 82°34.4' W.

1957										
7/2	0831	S	O	-	29.8	24.00	0.07			
7/9	0905	S	O	-	29.8	32.77				
7/17	0936	S	O	-	30.7	26.43	0.06			
7/26	1130	S	O	-	28.1	14.42	-	-	7.3	
8/1	1044	S	O	-	29.0	14.17	0.09			
8/12	0708	S	O	-	29.2	6.08				
8/20	0945	S	O	-	30.7	24.71				
8/26	1014	S	O	-	28.7	26.51				
9/3	0816	S	O	-	28.5	24.14	0.03			
9/10	1025	S	O	-	28.5	25.33	0.00			
9/16	1251	S	O	-	28.8	23.75				
9/23	1205	S	P	0.0	30.0	27.89				
10/15	1020	S	O	-	25.3	21.17	0.06			
10/24	1012	S	P	0.1	24.0	25.97				
10/28	1300	S	P	2.0	19.0	25.73				
11/14	0820	S	P	13	20.0	27.58				
11/18	1246	S	P	0.0	23.2	29.27	0.08			

STATION A 30 Depth of 14 feet 27°26.5' N. 82°41.3' W.

1957										
7/2	0945	S	O	-	30.0	34.87				
7/9	0930	S	O	-	29.2	35.26				
7/17	0947	S	P	0.0	30.5	35.82				
7/25	1350	S	O	-	30.0	35.45				
8/1	1150	S	P	0.0	28.3	34.50				
8/12	0924	S	P	0.6	29.5	34.54				
8/14	1248	S	O	-	30.7	34.64	-	-	1.2	
		B	O	-	29.1	35.28	0.02	-	1.4	
8/20	0958	S	O	-	30.0	34.42				
8/26	1058	S	O	-	29.2	34.91				
9/3	1220	S	O	-	29.5	34.36				
9/10	1437	S	P	0.0	30.0	32.97				
9/11	1350	S	P	0.3	29.4	32.76	0.04	-	1.2	
		B	O	-	28.7	33.11	0.10	-	1.4	
9/16	1236	S	P	0.2	27.8	31.07				

STATION A 30 (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
9/23	1151	S	P	0.8	29.2	33.56				
9/24	1105	S	P	2.0	30.2	34.04				
		B	P	-	29.8	33.91				
10/6	1252	S	P	27	27.9	33.54				
		B	P	0.5	28.0	34.18				
10/15	1546	S	P	280	26.0	34.21	0.13			
10/18	0938	S	P	340	25.4	33.72	0.06			
10/21	1128	S	P	220	24.5	34.34				
10/23	0919	S	P	280	24.5	34.44				
		B	P	80	24.4	34.27				
10/24	1525	S	P	88	24.8	34.49				
		B	P	76	24.5	34.49				
10/28	1247	S	P	12	17.0	29.43				
10/31	1511	S	P	12	21.0	31.75				
		B	P	4.0	20.4	33.96				
11/4	1250	S	P	60	22.7	33.89				
11/6	1513	S	P	1.8	22.8	34.39				
		B	P	11	22.2	34.43				
11/14	0809	S	P	102	20.8	33.97	0.15			
		B	P	58	20.5	33.94	0.10			
11/18	1302	S	P	60	23.5	34.37	0.07			
11/20	1200	S	P	104	21.6	35.20				
		B	P	86	21.6	35.20				
11/21	1510	S	P	460	22.5	34.42	0.20			
		B	P	300	22.1	34.20	0.12			
11/25	0949	S	P	60	23.7	33.64				
11/26	1303	S	P	320	21.0	34.20				
		B	P	180	21.0	34.20				
12/2	0930	S	P	140	17.5	32.81				
12/6	0940	S	P	198	16.5	33.53	-	-	2.2	
		B	P	50	16.8	33.44				
12/12	1432	S	P	100	13.3	32.34	0.02			
12/19	1120	S	P	6.0	15.5	33.89	0.05	-	1.0	0.5
		B	P	0.2	15.2	34.25	0.05	0.6	0.8	0.2
1958										
2/12	0930	S	O	-	12.0	31.76	0.03			
2/18	1040	S	O	-	9.8	31.17				
3/17	1015	S	O	-	16.8	32.52	0.02			
4/1	1148	S	O	-	17.8	33.40	0.01			
4/15	0850	S	O	-	20.0	33.89				

STATION A 30 (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
5/1	1307	S	P	0.0	26.5	33.84				
5/20	1015	S	O	-	24.8	34.43	0.01			
5/29	0831	S	P	0.0	27.0	34.34				
6/11	0940	S	O	-	29.1	34.74	0.02			
6/26	0810	S	O	-	29.5	34.45				

STATION A 30a Depth of 20 feet 27°26.5' N. 82°42.6' W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1957										
9/24	1225	S	P	0.8	30.7	33.28				
		B	P	-	30.0	34.22				
1958										
1/14	1102	S	P	0.1	13.4	33.15	0.07	-	-	2.5
		B	O	-	12.9	32.95	0.14	1.4	1.7	0.2
1/20	1113	S	O	-	12.5	32.88	0.09	1.0	1.4	0.4
		B	O	-	12.9	33.28	0.05	0.5	0.8	0.9
2/20	1029	S	O	-	10.1	31.92	0.04	1.1	1.3	0.8
		B	O	-	10.4	32.50	0.04	1.1	1.5	1.4
3/6	0943	S	O	-	16.9	32.65	0.04	0.6	0.8	0.4
		B	O	-	16.9	32.72	0.03	0.6	0.9	0.3
3/17	1012	S	O	-	17.0	32.65	0.02	1.7	1.7	0.2
		B	O	-	16.8	33.95	0.02	1.0	1.0	0.1
4/1	1029	S	O	-	17.2	33.84	0.01	0.6	0.9	0.1
		B	O	-	16.9	33.93	0.01	1.2	1.6	0.4
4/18	0948	S	P	0.0	19.3	32.27	0.02	2.8	3.2	0.3
		B	O	-	19.3	32.95	0.02	2.9	4.0	1.1
4/28	1035	S	O	-	23.5	33.33	0.04	1.4	1.8	0.7
		B	O	-	23.1	33.26	0.03	-	2.2	0.5
5/12	1022	S	P	0.2	24.9	32.99	0.02	2.2	2.7	0.2
		B	P	0.0	24.4	33.30	0.02	2.2	2.8	0.6
5/26	0950	S	O	-	26.4	34.42	0.02	1.0	1.5	0.3
		B	P	0.0	26.7	34.43	0.02	1.1	1.6	0.3
6/9	1022	S	P	0.0	28.4	34.61	0.00	1.1	1.8	0.2
		B	P	0.0	28.5	34.61	0.02	1.1	1.6	0.2
6/26	1010	S	O	-	29.9	34.29	0.02	1.0	1.6	0.2
		B	O	-	29.5	34.33	0.01	1.4	2.3	0.1
7/1	1015	S	O	-	29.9	34.45	0.02	0.8	1.4	0.8
		B	O	-	29.6	34.56	0.03	1.5	1.6	0.4
7/31	1029	S	O	-	31.7	33.73	0.02	0.7	1.7	0.6
		B	O	-	31.5	33.60	0.02	0.6	1.4	0.4
8/14	0941	S	P	0.0	29.9	34.00	0.01	0.8	1.7	0.9
		B	P	0.0	29.7	33.93	0.03	0.8	1.6	1.5

STATION A 30a (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
8/25	1024	S	P	0.0	31.1	34.16	0.06	1.2	1.8	0.2
		B	O	-	31.2	34.18	0.06	1.1	1.6	0.4
9/8	1027	S	O	-	30.3	34.20	0.04	1.2	2.4	0.5
		B	P	0.0	29.9	34.31	0.01	0.9	1.8	0.4
9/22	1019	S	P	0.1	30.4	34.60	0.02	0.9	1.9	
		B	P	0.1	30.5	34.99	0.00	0.7	1.8	
10/22	1109	S	P	0.0	23.7	33.22	0.03	4.8	5.4	0.0
		B	P	0.0	23.7	33.30	0.03	4.3	5.3	0.1
10/29	1008	S	P	0.0	21.9	33.51	0.00	3.1	4.1	0.2
		B	O	-	22.4	34.00	0.01	2.5	2.9	0.2
11/13	0922	S	P	0.2	21.9	33.64	0.02	1.9	2.5	0.4
		B	O	-	22.1	34.00	0.02	1.5	2.1	0.2
11/20	1036	S	P	0.2	24.0	33.98	0.03	0.9	1.4	0.1
		B	P	0.7	23.7	34.02	0.03	0.9	1.6	0.2
12/10	1422	S	O	-	21.8	33.08	0.03	1.9	2.5	0.3
		B	P	0.0	21.4	33.24	0.03	1.8	2.7	0.4
1959										
1/19	1055	S	O	-	13.2	32.01	0.03	1.8	2.4	0.2
		B	O	-	12.7	31.89	0.03	2.0	2.5	0.3
3/4	0955	S	O	-	18.5	32.56	0.02	2.4	3.1	0.2
		B	O	-	19.7	32.81	0.02	2.4	3.0	0.4
4/20	1046	S	O	-	23.3	33.13	0.03	1.1	1.8	0.1
		B	O	-	23.0	33.26	0.02	1.2	1.6	0.0
5/7	0900	S	O	-	24.0	34.65	0.02	1.3	1.6	0.2
		B	O	-	23.8	34.69	0.02	1.2	1.7	1.9
6/12	1006	S	O	-	28.2	34.79	0.03	1.4	1.5	0.9
		B	O	-	28.0	34.54	0.02	1.3	1.7	1.2
7/20	1004	S	O	-	30.6	32.61	0.05	0.8	1.2	0.1
		B	O	-	30.6	32.57	0.02	1.0	1.6	0.2
8/4	0949	S	O	-	29.6	31.80	0.02	1.0	1.5	0.2
		B	O	-	29.5	31.76	0.03	1.1	1.6	0.7
9/8	1509	S	P	6.0	30.8	33.40	0.00	0.5	1.0	0.8
		B	P	62	30.1	32.97	0.00	0.9	1.7	0.2
10/12	1020	S	P	340	28.5	34.69	0.02	0.7	1.4	0.2
		B	P	10	28.3	34.92	0.02	0.6	1.2	0.4
11/4	0942	S	C	-	24.0	31.96	0.01	2.5	3.5	0.1
		B	C	-	25.1	33.39	0.01	2.3	3.7	0.6

STATION A 33 Depth of 6 feet 27°22.7' N. 82°38.1' W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1957										
7/2	0955	S	O	-	29.8	35.04				
7/9	0935	S	O	-	30.2	34.41				
7/17	0949	S	O	-	30.7	35.27				
7/25	1400	S	O	-	30.0	35.26				
8/1	1158	S	C	-	28.5	34.16				
8/12	0930	S	P	0.0	29.7	31.66				
8/20	1006	S	C	-	30.0	32.87				
8/26	0950	S	O	-	28.2	32.48				
9/3	1212	S	O	-	29.7	32.92				
9/10	1430	S	P	0.0	29.5	32.43				
9/16	1230	S	P	0.0	28.5	30.85				
9/23	1144	S	O	-	30.0	32.07				
10/15	1030	S	O	-	25.0	31.78				
10/21	1124	S	P	0.0	23.5	32.01				
10/24	1027	S	P	40	24.0	32.18				
10/28	1240	S	O	-	17.0	32.78				
11/4	1244	S	P	0.0	23.0	32.56				
11/14	0839	S	O	-	21.0	33.58				
11/18	1210	S	O	-	25.0	33.45				
11/25	0941	S	C	-	23.5	33.29				
12/2	0921	S	P	38	11.8	33.89				
12/6	1014	S	P	14	13.5	33.22				
12/12	1424	S	P	42	10.2	32.83				
12/19	1037	S	P	80	16.0	32.84				
1958										
2/11	0941	S	O	-	12.5	32.07	0.03			
2/18	1032	S	O	-	10.0	31.09				
3/17	1008	S	O	-	14.5	30.10	0.02			
4/1	1128	S	O	-	19.7	29.31	0.01			
4/15	0843	S	O	-	20.7	30.66				
5/1	1315	S	O	-	27.8	32.25				
5/20	1022	S	O	-	25.8	33.55	0.02			
5/29	0836	S	O	-	28.5	34.22				
6/11	0945	S	O	-	29.1	35.01	0.02			
6/26	0804	S	O	-	28.5	34.23				

STATION A 33a Depth of 34 feet 27°22.8' N. 82°43.6' W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1957										
8/15	0820	S	O	-	30.0	35.43	-	-	0.0	
		M	O	-	29.5	35.94	-	-	0.4	
		B	O	-	30.0	35.62	-	-	0.6	
9/12	1115	S	P	0.0	28.9	33.93				
9/24	1135	S	P	1.7	29.8	33.74				
		B	P	-	30.2	34.17				
1958										
4/28	1350	S	O	-	24.3	34.00	0.07	0.5	1.1	0.3
		B	P	0.0	20.4	34.00	0.08	0.9	1.3	0.3
5/12	1313	S	P	0.4	25.3	33.84	0.02	1.0	1.0	
		B	O	-	24.0	33.87	0.04	0.8	1.0	0.6
5/26	1241	S	P	0.2	26.5	34.42	0.02	0.5	0.9	0.4
		B	P	0.1	26.3	34.56	0.01	0.6	0.8	0.3
6/9	1315	S	P	0.1	29.2	34.61	0.00	0.4	0.9	0.3
		B	O	-	28.3	34.58	0.00	0.5	0.9	0.2
6/25	1308	S	O	-	29.7	34.49	0.02	0.7	1.2	0.1
		B	O	-	29.8	34.49	0.02	1.0	1.5	0.2
7/1	1316	S	O	-	30.2	34.54	0.01	0.9	1.1	0.3
		B	O	-	30.0	33.86	0.01	0.8	1.7	0.2
7/31	1327	S	O	-	31.9	33.89	0.02	0.3	0.7	0.4
		M	O	-	31.6	33.87	0.02	0.4	1.0	0.5
		B	O	-	31.2	33.87	0.02	0.9	1.5	0.5
8/14	1244	S	P	0.0	30.5	34.09	0.06	0.5	0.9	0.2
		M	P	0.0	30.4	33.69	0.05	0.4	0.9	0.3
		B	P	0.0	30.2	34.04	0.00	0.6	0.9	0.2
8/25	1302	S	O	-	31.1	33.91	0.03	0.5	2.1	0.3
		M	O	-	31.0	34.36	0.04	0.8	1.0	0.3
		B	O	-	30.8	34.45	0.03	0.7	1.3	0.4
9/8	1332	S	O	-	30.5	34.63	0.02	0.5	1.0	0.4
		M	O	-	29.8	34.72	0.05	0.2	0.8	0.4
		B	P	0.0	29.4	34.81	0.02	0.3	0.8	0.6
9/22	1446	S	P	0.2	30.7	34.81	0.00	0.8	1.2	
		M	P	0.0	30.2	34.76	0.00	0.5	1.1	
		B	P	0.1	30.0	34.87	0.00	0.5	1.0	
10/22	1408	S	P	0.1	24.6	34.18	0.05	1.8	2.1	0.1
		M	O	-	24.4	34.33	0.02	1.7	2.0	0.1
		B	P	0.0	24.4	34.36	0.03	1.7	1.8	0.0
10/29	1320	S	P	0.2	23.4	34.18	0.01	0.7	1.0	0.2
		M	O	-	23.4	34.22	0.02	0.6	0.9	0.2
		B	O	-	23.3	34.14	0.01	0.8	1.0	0.2

STATION A 33a (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
11/13	1246	S	P	0.1	23.1	34.33	0.03	0.6	0.9	0.4
		M	P	0.2	23.2	34.33	0.03	0.7	1.0	0.2
		B	P	0.0	23.3	34.38	0.02	0.7	0.9	0.3
11/20	1323	S	P	6.2	24.0	34.05	0.04	0.7	1.0	0.2
		M	P	0.4	23.9	34.16	0.03	0.4	0.9	0.3
		B	P	0.6	23.9	34.23	0.04	0.7	1.0	0.8
12/10	1114	S	O	-	21.6	33.51	0.10	0.9	1.5	0.2
		M	O	-	21.3	33.51	0.03	1.0	1.4	0.1
		B	O	-	21.3	33.51	0.03	1.0	1.8	0.0
1959										
1/19	1352	S	O	-	15.6	32.25	0.03	0.9	1.2	0.1
		M	O	-	13.7	32.25	0.03	0.6	1.1	0.2
		B	O	-	13.8	32.30	0.03	0.6	1.1	0.2
3/4	1256	S	P	0.0	19.2	33.49	0.04	1.0	1.5	0.2
		M	O	-	19.1	33.49	0.05	1.0	1.6	0.2
		B	P	0.0	19.2	33.69	0.03	0.9	1.5	0.3
4/20	1353	S	P	0.0	24.5	33.78	0.04	0.4	0.7	0.2
		M	O	-	23.3	33.80	0.03	0.5	0.7	0.1
		B	O	-	23.2	33.71	0.03	0.5	0.8	0.1
5/7	1150	S	P	0.0	25.5	34.56	0.03	1.0	1.3	0.2
		M	P	0.0	24.4	34.61	0.09	1.0	1.2	1.8
		B	P	0.1	24.2	34.65	0.03	0.9	1.4	2.4
6/12	1303	S	P	0.0	29.1	35.62	0.06	0.8	0.9	0.9
		M	O	-	28.8	35.14	0.06	0.7	0.7	0.5
		B	O	-	28.8	35.14	0.05	0.6	0.9	1.0
7/20	1311	S	O	-	30.6	32.86	0.03	0.5	0.9	0.1
		M	O	-	30.6	32.99	0.02	0.6	1.2	0.1
		B	O	-	30.5	33.21	0.04	0.6	1.5	0.3
8/4	1251	S	O	-	30.2	33.26	0.03	0.9	1.0	0.6
		M	P	0.0	30.0	33.30	0.02	0.8	1.0	0.9
		B	O	-	30.0	33.87	0.03	0.8	1.0	1.0
9/8	1217	S	P	0.1	31.3	33.68	0.01	0.5	1.0	0.3
		M	P	0.1	29.8	33.40	0.02	0.5	0.9	0.6
		B	P	0.2	30.1	33.40	0.02	0.6	1.1	0.3
10/12	1325	S	P	4.8	29.0	34.94	0.01	0.6	0.6	0.2
		M	P	120	28.4	34.83	0.02	0.4	0.8	
		B	P	56	28.3	34.83	0.01	0.6	1.0	0.1
11/4	1312	S	P	4.6	25.5	33.53	0.02	1.4	2.0	0.9
		M	P	2.3	25.9	33.53	0.04	1.2	2.0	1.3
		B	P	1.9	25.5	33.71	0.03	1.4	2.1	0.3

STATION A 35 Depth of 15 feet 27°19.7' N. 82°35.2' W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1957										
7/25	1430	S	O	-	30.3	35.34				
8/14	1349	S	O	-	30.7	35.12	0.18	-	0.7	
		B	O	-	29.3	35.44	0.10	-	1.7	
9/11	1455	S	P	0.1	29.5	32.47	0.03	-	1.6	
		B	O	-	28.7	33.01	0.05	-	2.2	
9/24	1203	S	P	2.7	30.2	33.71				
		B	P	-	29.9	33.98				
10/6	1326	S	P	0.5	27.8	32.32				
		B	P	0.1	27.9	33.58				
10/10	1400	S	P	-	27.0	34.31				
		B	P	-	27.0	34.70				
10/18	0925	S	O	-	25.6	34.15	0.17			
10/23	0952	S	P	300	24.2	34.47				
		B	P	160	24.5	34.45				
10/24	1033	S	P	80	24.5	34.49				
10/28		S	P	0.0	20.5					
10/31	1437	S	P	0.2	20.4	33.27				
		B	P	0.2	20.3	33.54				
11/4	1240	S	P	8.0	23.0	34.09				
11/6	1438	S	P	4.0	22.0	34.56				
		B	P	6.2	21.5	34.63				
11/14	0844	S	P	30	20.6	34.64	0.13			
		B	P	28	20.8	34.49				
11/18	1328	S	P	320	24.0	34.20	0.10			
11/20	1459	S	P	120	23.2	34.60				
11/21	1429	S	P	500	22.4	34.13	0.07			
		B	P	420	22.2	34.23	0.13			
11/25	0935	S	P	0.0	23.0	33.62				
11/26	1109	S	P	740	22.5	35.40	0.02			
		B	P	400	23.9	35.40	0.00			
12/2	0915	S	P	80	16.7	33.37				
12/6	1015	S	P	160	17.0	33.73	-			
		B	P	4.0	15.4	33.53				
12/12	1417	S	P	80	13.0	32.57	0.06			
12/19	1030	S	P	0.0	15.5	34.38				
1958										
2/11	0932	S	O	-	12.5	32.38	0.03			
2/18	1025	S	O	-	10.7	32.29				
3/17	1000	S	O	-	16.5	33.28	0.01			

STATION A 35 (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
4/1	1120	S	O	-	18.0	33.35	0.02			
4/15	0836	S	O	-	20.3	34.11				
5/1	1321	S	O	-	26.5	33.71				
5/20	1030	S	O	-	24.9	34.61	0.02			
5/29	0843	S	O	-	27.3	34.49				
6/11	0952	S	P	0.0	29.3	34.69	0.05			
6/26	0755	S	O	-	29.5	34.51				
STATION A 35a		Depth of 24 feet			27°19.1' N.		82°36.2' W.			
1957										
9/24	1225	S	P	1.4	30.2	34.30				
		B	P	-	29.8	33.58				
12/19	1157	S	P	0.8	16.0	34.07	0.04	0.4	0.6	0.0
		B	P	0.0	15.8	34.38	0.03	0.5	1.3	0.1
1958										
1/14	1137	S	P	0.1	13.5	32.61	0.03	2.0	5.5	0.2
		B	O	-	13.0	32.97	0.05	3.7	5.5	0.7
1/20	1148	S	O	-	12.6	32.99	0.04	1.6	2.1	0.2
		B	O	-	13.0	33.24	0.00	1.0	1.1	0.7
2/20	1103	S	O	-	10.6	-	0.05	0.4	0.6	0.3
		B	O	-	10.5	32.39	0.04	-	0.5	0.7
3/6	1019	S	O	-	17.4	32.54	0.06	0.8	1.0	0.3
		B	O	-	16.9	32.81	0.05	0.6	0.9	0.2
3/17	1047	S	P	0.0	17.2	32.27	0.03	-	0.6	0.0
		B	P	0.0	16.5	33.96	0.05	1.1	1.1	0.6
4/1	1104	S	O	-	17.0	34.07	0.01	0.5	0.9	0.1
		B	O	-	17.0	34.14	0.01	0.5	1.1	0.1
4/18	1023	S	P	0.0	19.2	32.14	0.01	3.3	3.5	0.4
		B	O	-	19.4	32.63	0.02	4.0	4.3	0.8
4/28	1117	S	O	-	24.4	33.84	0.03	0.6	1.1	0.3
		B	O	-	23.6	33.91	0.09	1.0	1.4	0.3
5/12	1057	S	P	0.0	25.2	33.71	0.02	1.0	1.4	0.8
		B	O	-	24.6	33.69	0.03	1.2	1.5	0.4
5/26	1027	S	P	0.1	26.5	34.27	0.00	0.7	1.1	0.4
		B	P	0.0	26.1	34.23	0.00	0.7	1.0	0.6
6/9	1058	S	P	0.0	29.1	34.61	0.01	0.7	1.1	0.5
		B	P	0.0	28.6	34.58	0.00	0.9	1.4	0.2
6/25	1049	S	O	-	29.9	34.43	0.02	1.0	1.4	0.5
		B	O	-	29.7	34.23	0.02	1.0	1.5	0.1
7/1	1059	S	O	-	31.5	34.34	0.03	0.9	1.5	0.1
		B	O	-	30.0	34.42	0.04	0.9	1.5	0.0

STATION A 35a (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
7/31	1103	S	C	-	32.2	33.87	0.02	0.8	1.5	0.5
		B	O	-	31.4	33.58	0.02	1.4	2.1	0.5
8/14	1019	S	P	0.1	29.6	33.78	0.05	0.9	2.1	0.2
		B	P	0.0	29.4	33.95	0.02	0.9	1.3	0.2
8/25	1046	S	O	-	31.1	34.31	0.05	0.7	1.2	0.2
		B	O	-	31.2	34.42	0.06	-	1.4	0.5
9/8	1102	S	P	0.1	30.0	34.14	0.02	0.5	1.2	0.5
		B	P	0.0	29.7	34.31	0.01	0.8	1.4	0.5
9/22	1053	S	P	0.2	30.1	34.51	0.02	0.6	1.2	
		B	P	0.2	30.2	34.51	0.02	0.6	1.1	
10/22	1145	S	P	0.0	24.3	33.60	0.03	3.7	4.0	0.5
		B	P	0.0	24.1	33.80	0.03	3.0	3.5	1.4
10/29	1100	S	O	-	23.0	34.31	0.01	1.2	3.2	0.2
		B	O	-	22.9	34.33	0.01	1.2	1.6	0.2
11/13	1000	S	P	1.3	22.6	34.05	0.02	0.9	1.3	0.3
		B	P	1.1	22.6	34.09	0.02	0.9	1.2	0.2
11/20	1109	S	P	1.0	24.1	34.02	0.03	0.8	1.2	0.3
		B	P	1.4	23.5	34.04	0.02	0.9	1.2	0.4
12/10	1346	S	O	-	21.8	33.58	0.03	1.3	2.0	0.1
		B	P	0.0	21.8	33.58	0.03	1.4	2.0	0.4
1959										
1/19	1134	S	O	-	13.6	32.56	0.03	1.3	1.8	0.2
		B	O	-	13.1	32.56	0.03	1.4	2.1	0.2
3/4	1032	S	O	-	18.6	32.88	0.02	1.4	2.0	0.2
		B	O	-	18.9	32.97	0.02	1.6	2.3	0.4
4/20	1023	S	O	-	23.5	33.49	0.06	0.6	1.0	0.3
		B	O	-	22.9	33.53	0.02	0.7	1.0	0.3
5/7	0934	S	P	0.0	24.5	34.61	0.03	0.7	1.2	1.1
		B	O	-	24.3	34.69	0.02	0.9	1.4	1.3
6/12	1040	S	P	0.1	28.6	35.07	0.03	1.3	2.0	0.5
		B	O	-	28.7	34.92	0.03	1.1	1.2	1.2
7/20	1040	S	O	-	30.5	32.18	0.02	0.9	1.5	0.1
		B	O	-	30.4	32.61	0.05	1.2	1.8	0.1
8/4	1025	S	O	-	29.6	31.87	0.03	1.0	1.6	0.8
		B	O	-	30.1	32.72	0.03	1.7	1.7	0.8
9/8	1435	S	P	4.5	30.8	32.38	0.00	0.8	1.4	0.5
		B	P	0.4	29.7	32.92	0.00	0.7	1.2	0.5
10/12	1105	S	P	30	29.0	34.40	0.01	0.5	0.8	0.2
		B	P	32	28.6	34.34	0.04	0.3	0.7	0.4
11/4	1026	S	P	0.0	25.3	33.49	0.04	0.7	1.5	0.1
		B	O	-	25.1	33.62	0.01	0.8	1.7	0.4

STATION A 39 Depth of 7 feet 27°20' N. 82°32.7' W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1957										
7/2	1028	S	O	-	30.0	33.65	0.04			
7/9	1005	S	O	-	30.5	34.47				
7/17	1001	S	O	-	31.0	35.57	0.03			
7/25	1335	S	O	-	30.7	34.44	0.13	-	4.8	
8/1	1215	S	P	0.8	28.5	33.23	0.00			
8/18	1056	S	P	0.1	31.5	32.89				
8/19	0735	S	O	-	30.5	32.48				
8/26	1043	S	O	-	29.7	34.33				
9/3	0830	S	P	0.0	29.0	33.87	0.03			
9/10	1038	S	O	-	29.0	28.61	0.05			
9/11	1355	S	P	0.0	30.0	30.88	-	-	4.4	
		B	O	-	29.3	31.81	-	-	15.1	
9/16	1220	S	P	-	28.7	26.71				
9/23	1137	S	P	1.2	30.0	30.92				
10/2	1200	S	O	-	25.5	21.20				
		P	O	-	27.0	33.47				
10/15	1537	S	O	-	26.2	33.70	0.18			
10/24	1100	S	P	60	24.5	34.05				
11/4	1137	S	P	20	22.7	33.38				
11/14	0900	S	O	-	20.6	34.54				

STATION A 40 Depth of 7 feet 27°18.3' N. 82°33.4' W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.
1957						
7/2	1033	S	O	-	30.2	34.40
7/9	1010	S	P	0.0	29.7	35.26
7/17	1007	S	P	0.0	30.5	35.64
7/25	1320	S	O	-	30.0	35.32
8/1	1225	S	P	0.4	29.0	34.30
8/12	1002	S	O	-	29.7	34.53
8/20	1015	S	O	-	30.5	38.38
8/26	1051	S	P	0.0	29.2	34.59
9/3	1204	S	O	-	29.2	33.00
9/10	1422	S	O	-	30.0	29.72
9/16	1150	S	O	-	28.7	29.22
9/19	1438	S	P	0.7	29.2	33.10
		B	O	-	29.2	33.22
9/23	1110	S	P	2.0	29.0	33.52
10/3	0730	S	P	0.8	26.0	25.36
		B	O	-	27.4	32.61

STATION A 40 (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
10/10	1427	S	P	-	27.0	34.50				
10/15	1040	S	P	0.2	25.5	33.62				
10/18	0922	S	O	-	25.5	34.16	0.11			
10/23	1005	S	P	6.0	24.0	34.45				
		B	P	2.0	24.3	34.43				
10/24	1028	S	P	0.0	24.5	34.28				
10/28	1150	S	P	4.0	18.0					
10/31	1420	S	P	14	21.0	33.18				
		B	P	6.0	20.5	33.27				
11/4	1134	S	P	8.0	22.2	34.05				
11/5	0926	S	P	8.8	21.9	34.29	0.07	1.5	1.7	0.0
		B	P	0.6	21.6	36.49	0.00	2.0	3.0	0.3
11/14	0855	S	P	2.4	20.5	34.59				
11/18	1221	S	P	140	25.1	34.21				
11/20	1452	S	P	158	23.2	34.60				
11/25	0929	S	P	400	23.7	34.54				
11/26	1147	S	P	440	21.7	34.80	0.02			
		B	P	200	23.2	34.80	0.05			
12/2	0910	S	P	60	17.0	34.22				
12/6	1029	S	P	140	15.8	33.71				
		B	P	60	15.6	33.58				
12/12	1411	S	P	22	12.5	32.95	0.07			
12/19	1024	S	P	0.0	15.5	34.07				
1958										
2/11	0925	S	O	-	12.8	32.75	0.03			
2/18	1019	S	O	-	10.5	31.91				
3/17	0924	S	O	-	16.0	31.76	0.01			
4/1	1114	S	O	-	18.5	33.26	0.02			
4/15	0829	S	O	-	20.2	33.48				
5/1	1021	S	O	-	26.0	33.75				
5/20	1036	S	P	0.0	24.8	34.63	0.03			
5/29	0903	S	P	0.2	27.2	34.34				
6/11	1009	S	O	-	29.4	34.70	0.02			
6/26	0750	S	O	-	29.2	34.61				

STATION A 46 Depth of 6 feet 27°12.5' N. 82°30.6' W.

1957							
7/2	1041	S	O	-	29.7	33.92	
7/9	1018	S	O	-	29.5	35.34	
7/17	1015	S	O	-	30.3	35.54	

STATION A 46 (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
8/1	1234	S	P	0.0	29.7	32.75				
8/12	1010	S	O	-	29.5	35.09				
8/14	1447	S	O	-	31.0	35.05	-	-	1.7	
		B	O	-	30.6	35.13	0.15	-	0.9	
8/20	1100	S	C	-	30.5	31.39				
8/26	1100	S	O	-	29.7	34.48				
9/3	0840	S	O	-	28.5	34.07				
9/10	1048	S	O	-	29.0	32.33				
9/12	0800	S	O	-	28.6	32.32				
		B	O	-	28.7	33.46				
9/16	1141	S	O	-	28.5	27.68				
9/23	1100	S	P	0.8	29.0	33.48				
10/6	1434	S	O	-	28.8					
		B	O	-	28.1	33.23				
10/10	1243	S	O	-	27.0	35.21				
		B	O	-	27.0	34.57				
10/15	1050	S	O	-	25.7	31.32				
10/21	1113	S	O	-	24.8	34.42				
10/23	1023	S	O	-	24.2	34.28				
		B	O	-	24.6	34.27				
10/28	1125	S	P	0.0	18.5					
10/31	1401	S	P	38	21.0	33.28				
		B	P	26	20.5	33.29				
11/4	1125	S	P	0.4	22.5	33.99				
11/6	1408	S	P	5.4	22.0	34.42				
		B	P	0.8	21.5	34.57				
11/14	0915	S	P	26	21.0	34.49	0.34			
		B	P	30	20.9	34.60	0.15			
11/21	1410	S	P	38	22.5	34.31	0.03			
		B	P	30	22.5	34.40	0.06			
11/25	0920	S	P	100	24.2	34.00				
12/2	0902	S	P	100	17.5	34.04				
12/6	0944	S	P	18	16.3	33.39				
12/12	1400	S	P	80	13.3	32.97				
12/19	1225	S	P	0.2	16.0	34.02	0.02	0.5	0.8	0.6
		B	P	0.0	15.8	34.60	0.00	0.4	0.8	0.3
1958										
2/11	0916	S	O	-	12.8	32.79				
2/18	1010	S	O	-	10.8	32.41				
3/17	0914	S	O	-	15.8	34.11				
4/1	1104	S	O	-	17.7	34.18				

STATION A 46 (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
4/15	0821	S	O	-	20.3	33.98				
5/1	1013	S	O	-	25.7	33.13				
5/20	1044	S	O	-	25.0	34.05	0.04			
5/29	0912	S	P	0.0	26.8	34.34				
6/11	1017	S	O	-	29.3	34.61				
6/26	0740	S	O	-	29.3	34.18				

STATION A 46a Depth of 25 feet 27°12.5' N. 82°31.7' W.

1958										
1/14	1206	S	P	0.0	14.5	33.55	0.09	1.5	1.5	0.4
		B	O	-	14.0	33.62	0.09	5.4	8.4	1.0
1/20	1218	S	O	-	12.8	33.06	0.04	1.1	1.2	1.5
		B	O	-	13.1	33.10	0.03	0.9	1.2	0.2
2/20	1128	S	O	-	10.8	32.18	0.03	-	0.9	
		B	O	-	11.0	31.78	0.04	-	0.9	
3/6	1050	S	O	-	17.8	32.20	0.08	0.9	1.2	0.3
		B	O	-	17.1	32.77	0.03	0.8	0.9	0.3
3/17	1116	S	P	0.0	16.5	34.27	0.04	0.5	0.8	0.1
		B	P	0.0	15.6	34.61	0.06	0.5	0.6	0.4
4/1	1135	S	O	-	17.1	34.31	0.00	0.5	0.9	0.3
		B	O	-	17.1	34.36	0.01	0.7	1.2	0.1
4/18	1053	S	O	-	19.6	32.05	0.01	2.9	3.3	0.4
		B	O	-	19.6	32.84	0.01	2.5	3.0	0.5
4/28	1150	S	P	0.0	24.7	34.00	0.08	0.4	0.8	0.0
		B	O	-	23.0	33.69	0.01	0.9	1.4	0.5
5/12	1128	S	P	0.0	25.5	33.69	0.01	0.8	1.3	0.7
		B	O	-	24.6	33.91	0.02	1.3	1.7	0.4
5/26	1056	S	P	0.0	26.1	34.20	0.01	0.6	0.9	0.4
		B	P	0.0	26.1	34.31	0.00	0.8	0.9	0.5
6/9	1129	S	P	0.0	29.1	34.58	0.00	1.0	1.2	1.3
		B	P	0.0	28.5	34.51	0.00	0.9	1.2	0.4
6/25	1120	S	O	-	30.0	34.58	0.02	1.1	1.6	0.1
		B	O	-	29.9	34.58	0.02	1.2	1.7	0.3
7/1	1129	S	P	0.0	30.0	34.29	0.04	0.8	1.4	0.2
		B	P	0.0	29.8	34.09	0.03	0.8	1.3	0.4
7/31	1134	S	O	-	31.6	33.68	0.02	0.5	1.0	0.4
		B	O	-	31.5	33.68	0.02	1.0	1.6	0.5
8/14	1053	S	P	0.0	29.7	29.23	0.03	0.7	1.0	0.3
		B	P	0.0	29.9	33.51	0.02	0.8	1.2	0.2

STATION A 46a (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
8/25	1115	S	O	-	31.4	34.22	0.04	0.8	1.4	0.4
		B	O	-	31.2	34.42	0.03	0.9	2.1	0.2
9/8	1135	S	O	-	30.0	34.38	0.01	0.9	1.6	0.4
		B	O	-	28.8	34.65	0.02	1.2	1.7	0.6
9/22	1123	S	P	0.5	30.3	34.23	0.02	0.7	1.3	
		B	P	0.0	30.1	34.47	0.02	0.8	1.3	
10/22	1214	S	P	0.2	24.5	33.87	0.03	2.5	2.5	0.2
		B	P	0.2	24.3	34.05	0.07	2.0	2.5	1.6
10/29	1130	S	P	0.1	22.6	34.27	0.01	1.4	2.0	0.2
		B	O	-	22.7	34.05	0.01	1.2	1.7	0.2
11/13	1032	S	P	0.0	22.6	32.84	0.02	1.3	1.8	0.5
		B	P	0.1	22.5	33.78	0.02	1.0	1.5	0.7
11/20	1140	S	P	0.4	24.1	33.96	0.03	0.9	1.2	0.2
		B	P	0.4	23.7	34.13	0.04	0.9	1.3	0.2
12/10	1316	S	P	0.0	21.9	33.44	0.04	1.7	2.3	0.0
		B	P	0.0	21.9	33.66	0.03	1.5	2.2	0.0
1959										
1/19	1205	S	O	-	13.8	32.70	0.03	1.1	1.8	0.2
		B	O	-	13.4	32.65	0.03	1.5	2.2	0.3
3/4	1103	S	P	0.0	18.8	32.97	0.02	1.0	1.7	0.4
		B	P	0.0	19.0	33.15	0.03	1.0	1.8	0.5
4/20	1202	S	O	-	24.5	33.58	0.09	0.5	0.7	0.2
		B	O	-	24.3	33.53	0.03	0.6	1.0	0.0
5/7	1005	S	P	0.0	24.9	34.76	0.02	0.5	1.1	1.8
		B	P	0.0	24.4	34.97	0.02	0.7	1.2	2.3
6/12	1112	S	O	-	28.7	35.05	0.06	1.1	1.3	
		B	O	-	28.8	34.90	0.02	0.9	1.2	0.9
7/20	1113	S	O	-	31.0	31.20	0.02	1.1	1.8	0.0
		B	O	-	30.5	32.39	0.02	1.0	1.3	0.3
8/4	1057	S	O	-	29.8	31.94	0.04	1.2	1.4	1.1
		B	O	-	30.0	31.98	0.03	1.3	1.5	1.0
9/8	1406	S	P	1.1	30.5	32.21	0.02	0.8	1.3	0.2
		B	P	0.1	30.0	32.52	0.00	0.8	1.3	0.4
10/12	1205	S	P	0.2	29.7	33.60	0.02	0.5	0.8	0.2
		B	P	8.0	28.6	34.09	0.04	0.9	1.0	0.7
11/4	1103	S	O	-	25.7	33.33	0.02	0.9	1.7	0.1
		B	O	-	25.5	33.53	0.02	0.7	1.4	0.5

STATION A 46b Depth of 44 feet 27°06.9' N. 82°34.8' W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1957										
8/15	0610	S	O	-	30.0	34.94	0.02			
		B	O	-	29.3	34.72	-	-	0.3	
9/12	0910	S	P	1.5	29.0	33.39				
		B	P	0.9	28.9	33.69				
1958										
4/28	1246	S	P	0.0	24.6	34.00	0.02	0.5	0.7	0.5
		B	O	-	20.4	34.79	0.07	0.6	0.8	0.5
5/12	1212	S	P	0.3	25.3	34.22	0.01	0.7	0.8	0.4
		B	P	0.0	23.6	34.45	0.02	0.7	0.9	0.6
5/26	1139	S	P	0.1	26.1	34.07	0.02	0.4	0.7	1.1
		B	O	-	25.0	34.60	0.00	0.5	0.6	0.3
6/9	1213	S	P	0.0	29.3	34.43	0.00	0.4	0.8	0.3
		B	O	-	28.0	34.38	0.00	0.7	0.8	0.1
6/25	1206	S	O	-	29.8	34.45	0.00	0.7	1.1	0.2
		B	O	-	28.9	32.32	0.02	0.8	1.2	0.2
7/1	1212	S	O	-	30.0	34.34	0.01	0.7	1.1	0.3
		B	O	-	29.7	34.13	0.01	0.7	1.2	0.6
7/31	1225	S	P	0.0	31.7	33.42	0.02	0.4	0.9	0.2
		B	O	-	31.4	34.18	0.02	0.5	0.9	0.5
8/14	1140	S	P	0.1	30.0	33.98	0.02	0.4	0.7	0.4
		B	P	0.0	30.0	33.96	0.02	0.4	0.6	0.2
8/25	1158	S	P	0.0	31.7	34.25	0.04	-	1.0	0.2
		M	O	-	31.2	34.27	0.05	0.5	0.9	0.2
		B	O	-	31.0	34.67	0.03	0.4	0.8	0.4
9/8	1221	S	P	0.0	30.4	34.90	0.02	0.3	0.8	0.4
		M	O	-	29.8	34.69	0.04	0.4	0.9	0.4
		B	P	0.0	29.4	34.70	0.04	0.4	0.9	0.4
9/22	1211	S	P	0.2	30.4	34.33	0.00	0.5	0.8	
		M	P	0.2	30.1	34.56	0.02	0.5	1.0	
		B	P	0.0	30.1	34.27	0.00	0.6	1.3	
10/22	1300	S	O	-	25.5	34.76	0.03	0.9	1.1	0.5
		M	P	0.0	25.2	34.76	0.03	0.8	1.0	0.0
		B	O	-	25.2	34.81	0.03	0.9	1.1	0.0
10/29	1214	S	P	0.0	23.5	34.52	0.01	0.6	1.1	0.1
		M	O	-	23.4	34.56	0.01	0.5	1.1	0.2
		B	O	-	23.4	34.56	0.01	0.7	0.9	0.2
11/13	1119	S	P	0.6	23.5	34.49	0.02	0.4	0.8	0.5
		M	P	0.6	23.2	34.49	0.02	0.6	0.7	0.4
		B	P	0.6	23.5	34.45	0.01	0.5	0.8	0.3

STATION A 46b (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
11/20	1220	S	P	3.9	24.1	34.63	0.04	0.5	0.7	0.3
		M	P	0.1	24.0	34.63	0.04	-	0.7	0.3
		B	P	0.2	23.8	34.67	0.04	0.5	0.7	0.0
12/10	1220	S	P	0.0	22.1	34.11	0.03	1.1	1.7	0.1
		M	O	-	22.0	34.11	0.02	1.0	1.6	0.4
		B	P	0.0	22.0	34.16	0.00	1.0	1.7	0.0
1959										
1/19	1249	S	P	0.0	15.4	33.30	0.04	0.6	0.9	0.2
		M	O	-	14.2	33.17	0.03	0.6	1.1	0.2
		B	P	0.0	14.0	33.26	0.03	0.6	1.2	0.2
3/4	1149	S	P	0.1	19.4	33.66	0.00	0.5	0.9	0.2
		M	P	0.0	19.3	33.73	0.03	0.6	1.0	0.2
		B	P	0.0	19.3	33.68	0.03	0.5	1.0	0.2
4/20	1249	S	C	-	24.0	33.89	0.04	0.5	0.7	0.1
		M	O	-	23.0	33.91	0.03	0.5	0.8	0.3
		B	O	-	23.1	33.87	0.04	0.5	0.7	0.0
5/7	1047	S	P	0.0	24.9	34.90	0.02	0.5	0.7	0.2
		M	P	0.0	24.6	34.90	0.03	0.4	0.9	2.0
		B	P	0.0	23.4	34.51	0.00	0.3	0.8	2.0
6/12	1200	S	P	0.0	29.0	35.07	0.04	0.8	1.2	0.7
		M	O	-	28.8	35.10	0.04	0.6	1.0	0.4
		B	O	-	28.8	34.97	0.07	0.7	0.8	1.0
7/20	1201	S	O	-	31.5	34.11	0.05	0.5	0.6	0.2
		M	O	-	30.2	34.11	0.02	0.6	0.6	0.1
		B	O	-	30.1	34.45	0.03	0.3	0.5	0.1
8/4	1142	S	O	-	29.6	34.22	0.03	0.5	0.5	1.1
		M	O	-	29.7	34.29	0.02	0.5	0.5	0.9
		B	O	-	29.9	34.63	0.02	0.8	0.8	0.9
9/8	1155	S	P	1.0	30.8	32.30	0.01	0.8	1.2	0.6
		M	P	0.6	29.8	32.59	0.02	0.8	1.2	0.3
		B	P	0.1	30.1	33.40	0.02	1.0	1.3	0.5
10/12	1306	S	P	0.2	29.4	33.95	0.02	0.5	1.0	0.5
		M	P	44	28.6	34.23	0.02	0.4	0.7	0.3
		B	P	540	28.4	34.58	0.02	0.5	0.9	0.3
11/4	1203	S	C	-	25.8	33.89	0.04	0.4	1.1	1.4
		M	O	-	26.5	33.86	0.04	0.5	1.0	0.2
		B	O	-	25.7	34.04	0.04	0.5	0.9	0.4

STATION B 5 Depth of 9 feet 27°06.6' N. 82°28' W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1957										
8/14	1530	S	O	-	31.2	34.67				
		B	O	-	30.2	35.47				
9/12	0836	S	O	-	29.0	-	0.02	-	1.8	
		B	O	-	28.9	30.33	0.14	-	1.8	
10/6	1456	S	O	-	28.5	24.13				
		B	O	-	28.4	34.15				
10/10	1505	S	O	-	28.0	29.89				
		B	O	-	27.0	34.53				
10/23	1045	S	P	10	25.0	34.62				
		B	P	0.2	25.0	34.46				
10/31	1339	S	P	20	21.0	33.45				
		B	P	12	20.7	33.43				
11/6	1341	S	P	50	22.4	34.47				
		B	P	1.2	22.2	34.72				
11/14	0939	S	P	44	21.2	34.39	0.14			
		B	P	24	20.8	34.59	0.07			
11/21	1349	S	P	160	22.9	34.65	0.07			
		B	P	220	22.9	34.65	0.11			

STATION B 5a Depth of 27 feet 27°06.8' N. 82°29.2' W.

1957										
12/19	1248	S	O	-	16.6	34.54	0.03	-	0.5	0.3
		B	O	-	16.3	34.81	0.01	-	0.7	0.3
1958										
1/14	1228	S	P	0.0	14.6	33.40	0.05	1.9	2.1	0.6
		B	O	-	14.1	33.55	0.07	4.7	7.5	0.7
1/20	1242	S	P	0.0	13.0	32.88	0.07	1.2	1.7	0.4
		B	O	-	13.0	34.05	0.03	0.7	1.2	1.0
2/20	1158	S	O	-	11.1	32.36	0.04	-	0.7	
		B	O	-	11.9	32.70	0.04	-	0.6	
3/6	1114	S	O	-	17.4	32.63	0.11	0.8	0.9	0.4
		B	O	-	16.9	32.90	0.04	0.9	1.3	0.5
3/17	1140	S	P	0.0	16.5	34.47	0.06	0.5	1.8	0.1
		B	P	0.0	15.1	34.76	0.06	0.8	0.8	0.2
4/1	1157	S	O	-	17.8	34.60	0.03	0.5	0.8	0.1
		B	O	-	17.4	34.60	0.03	0.6	1.0	0.1
4/18	1117	S	O	-	19.6	33.37	0.02	1.3	1.6	0.3
		B	O	-	19.6	33.60	0.02	1.4	2.1	0.4
4/28	1220	S	O	-	24.5	33.71	0.00	0.5	0.9	0.0
		B	O	-	23.2	34.04	0.03	-	1.4	0.5

STATION B 5a (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
5/12	1152	S	P	0.0	25.2	33.73	0.02	0.8	1.0	0.4
		B	P	0.0	24.5	34.13	0.02	0.9	1.1	0.5
5/26	1120	S	P	0.1	26.5	34.16	0.00	0.8	1.0	0.2
		B	P	0.0	25.4	34.18	0.00	0.7	0.9	0.3
6/9	1152	S	P	0.0	29.4	34.56	0.00	0.8	1.3	0.4
		B	P	0.0	28.6	34.58	0.00	0.8	1.2	0.7
6/25	1145	S	O	-	29.7	34.33	0.02	1.1	1.5	0.1
		B	O	-	29.2	34.22	0.02	1.1	1.7	0.1
7/1	1151	S	O	-	30.0	34.07	0.02	0.9	1.3	0.5
		B	O	-	29.9	34.00	0.03	0.9	1.4	0.6
7/31	1205	S	P	0.0	31.8	33.80	0.01	0.5	1.0	0.4
		B	O	-	31.4	34.27	0.02	-	1.3	0.4
8/14	1118	S	P	0.1	29.6	33.03	0.04	0.8	1.2	0.5
		B	O	-	29.6	33.10	0.02	0.8	1.1	0.3
8/25	1130	S	O	-	31.5	34.14	0.03	0.5	1.2	0.5
		B	O	-	31.0	34.83	0.03	0.7	1.6	0.2
9/8	1200	S	O	-	30.2	34.63	0.03	0.7	1.4	0.5
		B	O	-	29.7	34.47	0.04	1.0	1.7	0.5
9/22	1147	S	P	0.1	30.9	34.05	0.02	1.1	1.5	
		B	P	0.1	30.5	34.27	0.00	0.8	1.3	
10/22	1236	S	P	0.1	24.6	33.46	0.03	2.2	2.5	0.4
		B	O	-	25.0	34.04	0.03	2.1	2.3	0.0
10/29	1150	S	O	-	22.8	34.00	0.01	1.9	2.5	0.2
		B	O	-	22.9	34.11	0.01	1.9	2.7	0.2
11/13	1058	S	P	0.5	23.0	33.12	0.05	1.2	1.7	0.2
		B	P	0.4	22.7	33.89	0.02	1.2	1.6	0.3
11/20	1200	S	P	0.7	24.1	34.14	0.04	0.9	1.2	0.4
		B	P	0.4	23.9	34.20	0.03	1.0	1.4	0.2
12/10	1252	S	O	-	21.9	34.16	0.04	1.0	1.7	0.1
		B	O	-	22.0	33.98	0.03	1.2	1.8	0.1
1959										
1/19	1230	S	O	-	14.2	32.56	0.04	1.3	1.9	0.3
		B	O	-	13.5	32.66	0.04	1.3	2.1	0.3
2/10	1107	S	P	0.2	20.8	33.28				
		B	P	0.0	18.8	33.58				
3/4	1130	S	P	0.2	19.0	33.30	0.05	0.8	1.3	0.3
		B	P	0.0	19.0	33.30	0.05	0.9	1.6	0.5
4/20	1226	S	O	-	25.2	33.44	0.04	0.6	0.8	0.2
		B	O	-	23.7	33.44	0.02	0.5	1.0	0.1
5/7	1027	S	P	0.0	24.9	34.90	0.02	0.3	0.9	2.1
		B	P	0.0	24.2	35.14	0.00	0.6	1.1	2.7

STATION B 5a (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
6/12	1138	S	O	-	29.2	34.58	0.03	1.1	1.4	0.8
		B	O	-	29.3	35.07	0.04	0.9	1.3	0.4
7/20	1139	S	O	-	31.0	31.36	0.03	1.1	1.5	0.1
		B	O	-	30.4	33.46	0.02	1.0	1.3	0.2
8/4	1121	S	P	0.0	29.8	31.26	0.03	1.1	1.5	0.4
		B	O	-	30.0	33.06	0.03	1.0	1.0	0.4
9/8	1343	S	P	0.1	30.9	31.62	0.02	0.8	1.4	0.5
		B	P	0.8	30.1	31.73	0.02	0.8	1.4	0.5
10/12	1227	S	P	1.0	29.8	33.33	0.02	0.6	0.9	0.5
		B	P	2.0	28.4	34.04	0.02	0.5	0.8	0.5
11/4	1139	S	O	-	25.6	33.57	0.03	0.7	1.3	0.4
		B	O	-	25.6	33.53	0.02	0.6	1.4	0.4

STATION B 9 Depth of 2 feet 27°01' N. 82°25' W.

1957							
7/2	1052	S	O	-	30.5	12.89	
7/9	1030	S	O	-	30.0		
8/12	1023	S	O	-	31.0	1.21	
8/20	1113	S	O	-	30.7	14.45	
8/26	1115	S	O	-	29.5	6.54	
9/3	0854	S	O	-	28.0	10.26	
9/10	1058	S	O	-	28.3	0.30	
9/16	1130	S	O	-	27.5	0.60	
9/23	1047	S	O	-	29.5		
10/15	1103	S	O	-	26.0	0.78	
11/4	1110	S	O	-	22.5	18.77	
11/25	0906	S	O	-	25.5	12.03	
12/2	0850	S	O	-	11.5	10.77	
12/6	0927	S	O	-	12.5	6.83	
12/12	1347	S	O	-	10.3	11.13	
12/19	1002	S	O	-	17.8	11.29	
1958							
2/11	0905	S	O	-	13.2	3.73	
2/18	0955	S	O	-	10.5	9.49	
3/17	0900	S	O	-	9.8	4.83	
4/1	1050	S	O	-	20.2	8.31	
4/15	0810	S	O	-	21.5	8.03	
5/1	1000	S	O	-	27.3	9.51	
5/20	1116	S	O	-	27.2	16.64	0.05
5/29	0925	S	O	-	30.0	16.42	
6/11	1029	S	O	-	30.6	19.54	
6/26	0729	S	O	-	28.7	16.62	

STATION B 11 Depth of 7 feet 26°55.8' N. 82°21.3' W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1957										
7/2	1103	S	O	-	30.5	33.47	0.03			
7/9	1040	S	O	-	29.7	35.54				
7/17	1033	S	O	-	31.0	35.22	0.04			
7/25	1100	S	O	-	30.5	31.79	-	-	1.0	
8/1	1347	S	O	-	30.0	32.94	0.00			
8/12	1034	S	O	-	30.5	30.48				
8/20	1122	S	O	-	31.0	32.36				
8/26	1126	S	O	-	29.0	31.87				
9/3	0902	S	O	-	28.5	31.40	0.06			
9/10	1359	S	O	-	29.5	22.64				
9/16	1120	S	O	-	28.3	23.03				
9/23	1041	S	O	-	29.7	25.33				
10/15	1114	S	O	-	26.2	25.59	0.09			
10/21	1056	S	O	-	24.0	30.77				
10/28	1120	S	O	-	19.3					
11/4	1104	S	P	2.0	23.1	30.86				
11/25	0858	S	P	0.0	24.7	32.72				
12/2	0842	S	P	120	14.7	31.83				
12/6	0917	S	P	3.6	14.2	31.46				
12/12	1340	S	P	0.0	11.5	31.06	0.09			
12/19	0953	S	P	1.4	16.8	32.32				
1958										
2/11	0855	S	O	-	13.3	29.81	0.01			
2/18	0947	S	O	-	10.8	27.56				
3/17	0852	S	O	-	15.8	27.66	0.10			
4/1	1042	S	O	-	19.5	28.66	0.04			
4/15	0802	S	O	-	21.2	31.38				
5/1	0951	S	O	-	26.3	32.14				
5/20	1127	S	O	-	26.0	33.80	0.03			
5/29	0934	S	O	-	27.9	33.96				
6/11	1113	S	O	-	30.4	34.38	0.02			
6/26	0720	S	O	-	28.8	32.43				

STATION B 14 Depth of 5 feet 26°53.8' N. 82°20.4' W.

1957							
7/2	1109	S	O	-	30.2	34.68	
7/9	1044	S	O	-	29.7	35.62	
8/12	1038	S	P	0.0	30.0	34.78	
8/20	1216	S	O	-	31.0	33.47	

STATION B 14 (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
8/26	1134	S	O	-	30.2	29.08				
9/3	0906	S	P	0.0	29.0	33.88				
9/10	1110	S	P	0.0	29.2	32.81				
9/16	1114	S	O	-	28.0	30.32				
9/23	1034	S	P	1.2	29.0	34.33				
10/6	1547	S	O	-	29.0	28.49	0.04			
		B	O	-	29.0	33.98	0.04			
10/21	1054	S	O	-	25.0	34.64				
10/23	1138	S	P	0.4	25.5	34.76				
		B	P	0.2	25.0	34.75				
10/28	1025	S	O	-	17.5					
11/4	1100	S	P	2.0	22.5	34.33				
11/6	1248	S	P	4.6	22.5	34.86				
		B	P	0.6	22.3	34.67				
11/14	1036	S	O	-	21.5	34.93	0.09			
		B	O	-	21.6	34.93	0.11			
11/20	1320	S	P	120	24.2	34.40				
11/21	1258	S	P	300	22.9	34.70	0.15			
		B	P	148	22.9	34.70	0.05			
11/25	0852	S	P	120	24.3	34.26				
12/2	0836	S	P	220	17.7	34.47				
12/6	0911	S	P	140	15.5	34.04				
12/12	1337	S	P	58	13.3	33.12				
12/19	0900	S	P	0.6	16.5	34.42				
1958										
2/11	0847	S	O	-	13.0	32.88				
2/18	0942	S	O	-	11.2	31.78				
3/17	0845	S	O	-	15.8	34.31				
4/1	1035	S	O	-	18.3	33.62				
4/15	0755	S	O	-	20.5	33.71				
5/1	0945	S	O	-	25.5	32.95				
5/20	1132	S	O	-	25.7	33.68				
5/29	0939	S	P	0.1	27.5	34.42				
6/11	1117	S	P	0.0	29.5	34.43				
6/26	0715	S	O	-	29.5	33.48				

STATION B 17 Depth of 5 feet 26°51.5' N. 82°18.3' W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1957										
7/2	1115	S	O	-	30.2	33.64				
7/9	1048	S	O	-	30.3	29.20				
8/12	1044	S	O	-	31.0	33.48				
8/20	1223	S	O	-	31.7	33.10				
8/26	1141	S	O	-	29.5	22.27				
9/3	0914	S	O	-	28.7	34.05				
9/10	1115	S	O	-	29.5	30.58				
9/16	1107	S	O	-	27.8	30.27				
9/23	1028	S	O	-	30.0	31.57				
10/15	1514	S	O	-	26.0	34.67				
10/21	1046	S	O	-	24.1	34.40				
10/28	1020	S	P	0.2	17.5					
11/4	1055	S	P	6.0	23.0	34.67				
11/20	1314	S	P	1040	24.7	34.80				
11/25	0845	S	P	6.0	25.0	34.96				
12/2	0830	S	P	180	16.0	34.22				
12/6	0904	S	P	100	14.2	34.69				
12/12	1325	S	P	86	12.0	33.87				
12/19	0852	S	P	140	17.0	33.89				
1958										
2/11	0840	S	O	-	13.0	32.30				
2/18	0935	S	O	-	11.2	32.57				
3/17	0840	S	O	-	16.2	32.14				
4/1	1028	S	O	-	19.5	32.21				
4/15	0750	S	O	-	21.7	32.48				
5/1	0938	S	O	-	27.5	33.19				
5/20	1138	S	O	-	27.1	33.68				
5/29	0945	S	O	-	29.4	33.80				
6/11	1124	S	O	-	30.5	35.34				
6/26	0708	S	O	-	29.0	33.64				

STATION B 19 Depth of 7 feet 26°48.6' N. 82°15.7' W.

1957										
7/2	1121	S	O	-	30.3	34.94				
7/9	1053	S	O	-	30.0	35.56				
7/17	1043	S	O	-	31.0	32.25				
8/1	1400	S	F	0.0	30.0	33.03				
8/12	1051	S	O	-	30.5	33.32				
8/20	1230	S	O	-	31.0	28.29				

STATION B 19 (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
8/26	1150	S	O	-	30.0	34.66				
9/3	0919	S	O	-	28.5	28.33				
9/10	1121	S	O	-	29.2	26.43				
9/16	1100	S	C	-	27.7	23.29				
9/23	1022	S	P	0.0	29.7	27.90				
10/21	1040	S	O	-	25.0	34.62				
10/23	1200	S	O	-	25.3	34.82				
		B	O	-	25.0	34.78				
10/28	1030	S	P	0.0	19.5	34.56				
10/31	1221	S	P	0.2	21.0	34.82				
		B	P	0.0	20.7	34.66				
11/4	1050	S	P	240	22.5	34.55				
11/6	1220	S	P	4.0	22.8	34.80	0.01			
		B	O	-	21.9	34.76	0.16			
11/14	1100	S	O	-	21.5	34.94	0.12			
		B	O	-	21.9	35.02	0.20			
11/20	1308	S	P	140	23.8	34.60				
11/21	1236	S	P	58	22.9	34.61	0.15			
		B	P	56	22.9	34.61	0.25			
11/25	0839	S	P	22	24.5	33.62				
12/2	0825	S	P	400	18.7	34.78				
12/6	0855	S	P	22	15.5	34.42				
12/12	1318	S	P	60	12.0	33.91				
12/19	0845	S	P	7.8	16.5	33.89				
1958										
2/11	0832	S	O	-	15.0	32.94	0.02			
2/18	0927	S	O	-	11.5	32.77				
3/17	0830	S	P	0.1	17.0	33.06	0.06			
4/1	1022	S	O	-	17.8	33.84				
4/15	0742	S	O	-	21.2	27.20	0.05			
5/1	0929	S	C	-	26.0	32.47				
5/20	1208	S	C	-	25.9	33.49	0.03			
5/29	0952	S	P	0.0	28.2	33.80	-			
6/11	1130	S	O	-	30.0	31.92	0.02			
6/26	0655	S	O	-	29.0	33.17				

STATION B 25 Depth of 10 feet 26°44.4' N. 82°10' W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1957										
7/9	1100	S	O	-	30.3	30.08				
8/12	1056	S	C	-	31.3	17.37				
8/26	1158	S	O	-	30.0	25.67				
9/3	0925	S	O	-	28.3	22.42				
9/10	1130	S	O	-	29.0	22.66				

STATION B 29 Depth of 65 feet 26°42.8' N. 82°15.5' W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1957										
7/2	1130	S	O	-	30.5	32.61	0.05			
7/9	1107	S	O	-	29.8	34.51				
7/17	1050	S	P	0.0	30.8	29.68				
7/31	0750	S	O	-	30.6	33.12	0.08	-	1.4	
		B	O	-	30.0	32.75	0.18	-	1.4	
8/12	1059	S	P	0.0	-	30.05				
8/20	1238	S	C	-	31.0	31.46				
8/26	1208	S	C	-	29.7	32.41				
9/3	0945	S	O	-	28.5	26.01	0.03			
9/10	1344	S	O	-	30.2	25.29	0.00			
9/16	1050	S	O	-	27.5	30.67				
9/23	1015	S	P	0.0	29.2	31.25				
10/6	1640	S	O	-	28.5	13.74	0.05			
		B	O	-	28.7	32.22	0.05			
10/23	1220	S	O	-	25.0	31.75				
		B	O	-	25.3	33.98				
11/4	1042	S	P	40	22.3	31.57				
11/6	1152	S	P	130	22.0	34.23	0.02			
		M	P	54	21.9	34.30	0.04			
		B	P	50	21.9	34.25	0.02			
11/14	1122	S	P	8.0	21.8	32.52	0.13			
		B	P	4.0	22.0	33.40	0.11			
11/21	1213	S	P	2.1	22.7	31.24	0.18			
		B	P	2.6	22.9	32.79	0.23			
11/25	0830	S	P	40	24.5	32.93				
12/17	1436	S	P	54	16.5	33.10				
1958										
2/5	1409	S	O	-	14.0	29.51	0.05			
4/8	1426	S	O	-	22.3	30.25	0.00			
5/13	0832	S	O	-	25.2	30.91	0.01			
5/29	0959	S	P	0.0	27.4	33.19				
6/10	1250	S	O	-	30.3	32.61				
6/17	1147	S	O	-	29.5	33.26				

STATION B 42 Depth of 21 feet 26°36.5' N. 82°13.3' W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1957										
7/2	1138	S	O	-	30.5	34.31	0.03			
7/9	1115	S	O	-	30.3	35.58				
7/17	1057	S	P	0.0	31.0	32.57	0.05			
7/31	0906	S	O	-	30.3	32.05	0.10	-	1.2	
		B	O	-	30.3	32.67	0.14	-	1.0	
8/1	1414	S	P	0.0	30.2	33.37				
8/12	1110	S	O	-	30.5	35.18				
8/20	1247	S	O	-	30.5	32.26				
8/26	1235	S	O	-	30.0	34.57				
9/3	0955	S	P	0.0	28.2	29.32	0.02			
9/10	1140	S	O	-	29.0	33.87	0.05			
9/16	1042	S	O	-	27.3	25.97				
9/23	1008	S	P	0.1	29.0	35.05				
10/6	1707	S	O	-	28.4	22.19				
		B	O	-	28.6	30.29				
10/15	1137	S	O	-	25.8	27.98				
10/23	1247	S	O	-	25.7	34.49				
		B	O	-	25.7	34.53				
10/28	1000	S	P	820	16.0	32.02				
11/4	1035	S	P	0.8	22.5	33.79				
11/6	1128	S	P	24	22.5	34.11	0.20			
		B	P	24	22.2	34.17				
11/14	1148	S	P	10	22.0	32.79	0.09			
		B	P	10	22.0	33.12	0.06			
11/20	1251	S	P	8.0	24.0	34.40				
11/21	1150	S	P	8.0	22.5	34.02	0.08			
		B	P	1.6	22.5	33.84	0.11			
12/2	0812	S	P	1.4	11.7	33.31				
12/10	1500	S	P	100	16.7	32.83				
12/12	1303	S	P	92	10.0	33.30				
12/17	1427	S	P	28	15.8	33.71				
12/23	1356	S	P	62	17.8	33.86				
1958										
2/5	1402	S	P	0.0	13.7	32.50				
2/14	1212	S	O	-	13.0	32.97				
2/24	1315	S	O	-	14.0	32.79				
3/11	1251	S	O	-	20.3	30.26				
4/1	1009	S	O	-	18.8	32.21				

STATION B 42 (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
4/8	1436	S	O	-	23.5	31.94				
4/20	1634	S	O	-	23.2	32.54				
5/21	1317	S	O	-	27.0	33.86				
6/10	1241	S	O	-	29.2	29.27				
6/17	1140	S	P	0.0	29.9	32.50				

STATION B 47 Depth of 3 feet 26°33.1' N. 82°12' W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1957										
7/2	1145	S	O	-	30.5	34.83	0.01			
7/9	1120	S	O	-	30.5	35.53				
7/17	1105	S	O	-	31.2	30.75	0.04			
7/31	0935	S	O	-	30.1	27.33	0.08	-	0.6	
		B	O	-	30.4	30.05	0.10	-	2.4	
8/1	1420	S	O	-	30.2	31.34	0.02			
8/12	1120	S	F	0.0	30.5	34.88				
8/20	1253	S	O	-	30.8	29.27				
8/26	1245	S	O	-	30.0	34.42				
9/3	1002	S	P	0.0	28.0	25.22	0.02			
9/10	1144	S	O	-	29.0	34.11	0.06			
9/16	1034	S	O	-	27.2	24.59				
9/23	1002	S	P	0.0	29.0	34.26				
10/6	1721	S	O	-	28.0	26.78				
		B	O	-	28.0	31.77				
10/15	1144	S	O	-	26.0	22.32				
10/21	1026	S	O	-	25.6	33.68				
10/23	1306	S	P	200	-	27.58				
		B	P	120	-	32.97				
10/28	0956	S	F	1140	18.0	32.82				
11/4	1005	S	O	-	22.1	34.47				
11/6	1109	S	P	10	22.6	33.70	0.02			
		B	P	14	22.2	33.61	0.08			
11/14	1212	S	O	-	21.9	29.73	0.14			
		B	O	-	21.9	33.02	0.12			
11/20	1250	S	P	20	24.3	34.60				
11/21	1132	S	P	0.6	22.8	32.46	0.06			
		B	P	0.6	22.5	32.63	0.11			
12/2	0804	S	P	58	16.8	33.67				
12/10	1453	S	P	360	16.8	33.30	0.01			
12/12	1255	S	F	280	13.0	34.05				
12/17	1420	S	P	12	16.2	33.69				
12/23	1350	S	P	24	17.3	34.14				

STATION B 47 (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958										
2/5	1355	S	O	-	13.5	32.94	0.04			
2/14	1206	S	O	-	13.2	33.10				
2/24	1307	S	O	-	14.0	32.63				
3/11	1246	S	P	0.0	20.7	30.39				
3/25	1151	S	P	0.0	17.5	32.88				
4/9	0749	S	P	0.0	20.5	33.31	0.00			
4/20	1625	S	O	-	22.3	31.27				
5/13	0820	S	O	-	25.5	31.08	0.01			
5/21	1311	S	O	-	27.4	33.91				
6/10	1236	S	O	-	29.4	30.88				
6/17	1107	S	O	-	29.6	32.99				

STATION B 57 Depth of 11 feet 26°29.7' N. 82°08.8' W.

1957										
7/2	1210	S	O	-	31.0	29.19				
7/9	1127	S	O	-	31.5	25.64				
8/1	1427	S	O	-	30.2	24.67				
8/12	1126	S	O	-	31.3	24.11				
8/20	1302	S	O	-	31.0	24.23				
8/26	1255	S	O	-	30.0	22.33				
9/3	1010	S	O	-	28.0	20.69	0.05			
9/10	1150	S	O	-	29.7	23.56	0.03			
9/16	0950	S	O	-	27.3	23.66				
9/23	0951	S	O	-	29.5	22.24				
10/15	1150	S	O	-	25.8	21.52				
10/21	1020	S	P	300	22.5	24.52				
10/23	1323	S	P	720	24.8	21.97				
		B	P	300	24.5	22.70				
10/28	0950	S	P	180	15.5					
10/31	1100	S	O	-	19.9	30.57				
		B	O	-	19.5	30.51				
11/4	1004	S	P	2.0	22.2	30.17				
11/20	1243	S	P	560	24.5	33.60				
11/25	0817	S	P	1760	24.3	32.88				
12/2	0755	S	P	106	12.2	33.41				
12/10	1445	S	P	38	15.8	33.57	0.04			
12/17	1415	S	P	360	16.2	33.71				
12/23	1342	S	P	14	18.3	32.66				

STATION B 57 (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958										
2/5	1348	S	O	-	14.0	31.64	0.05			
2/14	1200	S	O	-	11.7	31.26				
2/24	1300	S	O	-	15.5	27.48				
3/11	1233	S	P	0.6	21.7	23.24				
4/1	0958	S	O	-	19.8	26.92				
4/8	1449	S	O	-	24.0	27.36				
4/20	1619	S	O	-	22.8	27.74				
5/13	0809	S	O	-	25.3	24.96	0.02			
5/21	1304	S	O	-	28.4	27.99				
6/10	1230	S	O	-	31.1	27.12				
6/17	1102	S	O	-	29.8	28.46				

STATION B 60 Depth of 12 feet 26°28.3' N. 82°00.2' W.

1957										
7/2	1221	S	O	-	31.5	25.12				
7/9	1136	S	O	-	31.5	31.46				
8/1	1438	S	O	-	30.2	25.39				
8/12	1225	S	O	-	30.7	24.13				
8/20	1335	S	O	-	30.7	26.90				
9/3	1018	S	P	0.0	28.5	29.33				
9/10	1326	S	P	0.0	28.5	28.17				
9/16	0945	S	O	-	27.5					
9/23	0922	S	O	-	29.5	22.31				
10/15	1240	S	P	80	27.2	29.13	0.22			
10/21	0932	S	P	440	25.3	24.54				
10/28	0937	S	P	740	19.3					
11/4	0955	S	P	0.2	22.0	30.19				
11/6	1017	S	P	1.0	22.0	28.16	0.05			
		B	P	0.0	22.0	28.35	0.09			
11/14	1302	S	O	-	22.0	31.33	0.09			
		B	O	-	22.1	32.51	0.10			
11/20	1210	S	P	300	24.8	34.20				
11/21	1048	S	P	30	23.5	33.22	0.07			
		B	P	4.0	23.3	33.16	0.07			
12/10	1410	S	P	40	17.0	30.43	0.13			
12/17	1339	S	P	60	15.5					
12/23	1312	S	P	14	17.5	31.96				

STATION B 60 (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958										
2/5	1308	S	O	-	13.2	27.32	0.03			
2/14	1129	S	O	-	13.3	26.18				
2/24	1230	S	O	-	15.7	26.40				
3/11	1110	S	P	0.6	21.5	26.33				
4/1	0945	S	O	-	19.7	23.82				
4/8	1342	S	O	-	23.3	23.98				
4/20	1138	S	O	-	21.8	28.98				
5/13	0720	S	O	-	25.5	19.58	0.02			
5/21	1248	S	O	-	28.3	31.55				
6/10	1220	S	O	-	29.5	24.69				
6/17	1051	S	O	-	30.3	30.53				

STATION B 75 Depth of 16 feet 26°23.7' N. 81°55.6' W.

1957										
7/10	1115	S	O	-	30.0	32.75				
		B	O	-	30.1	35.59				
7/11	1050	S	O	-	30.5	34.24				
		B	O	-	30.4	35.85				
7/23	1135	S	O	-	31.0	34.66				
		B	O	-	31.0	35.48				
8/8	1022	S	O	-	29.9	32.70				
		B	O	-						
9/19	0735	S	P	0.1	28.3	33.98				
		B	O	-	28.4	33.93				
10/7	0703	S	-	-	27.5	24.69	0.05			
		B	-	-	28.0	33.58	0.07			
10/23	1411	S	P	980	25.5	33.33				
		B	P	2380	25.5	34.00				
11/6	0954	S	P	28	22.2	32.46	0.07			
		B	P	22	22.1	33.29	0.05			

STATION B 76 Depth of 9 feet 26°24.3' N. 81°53' W.

1957										
7/2	1231	S	O	-	30.8	32.59				
7/9	1145	S	O	-	30.5	35.08				
7/23	0928	S	O	-	30.6	30.97				
		B	O	-	31.1	34.92				
7/31	1134	S	P	0.0	30.5	30.72				
		B	O	-	30.3	30.84				

STATION B 76 (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3- NO_2
8/6	1530	S	P	0.0	29.0	31.20				
8/20	1344	S	O	-	31.5	27.22				
9/3	1027	S	O	-	28.0	29.37				
9/10	1308	S	O	-	29.2	31.49				
9/16	0935	S	O	-	27.0	30.19				
9/23	0914	S	O	-	29.0	33.09				
10/15	1250	S	P	0.0	26.7	30.46				
10/21	0745	S	O	-	24.3	32.49				
10/28	0927	S	P	260	18.0					
11/4	0946	S	P	8.0	22.8	34.43				
11/20	1200	S	P	6.0	24.5	35.20				
11/21	1030	S	P	8.0	23.8	34.57	0.22			
		B	P	3.2	23.6	34.62	0.05			
12/10	1359	S	P	40	17.5	32.86				
12/17	1330	S	P	40	16.0	33.64				
12/23	1302	S	P	12	18.2	33.71				
1958										
2/5	1300	S	P	0.1	14.5					
2/14	1120	S	P	0.2	13.5	32.03				
2/24	1220	S	O	-	16.2	31.33				
3/11	1055	S	O	-	20.7	32.01				
3/25	1134	S	P	0.0	18.5	30.77				
4/8	1333	S	O	-	22.7	31.09				
4/20	1129	S	O	-	22.2	32.20				
5/6	1333	S	P	0.0	28.3	32.72				
5/21	1206	S	O	-	27.8	33.68				
6/10	1158	S	O	-	29.5	32.14				

STATION B 79 Depth of 6 feet 26°21.6' N. 81°51.6' W.

1957										
7/2	1237	S	O	-	32.3	32.19				
7/9	1150	S	O	-	31.3	35.19				
7/10	1000	S	O	-	30.5	35.22				
		B	O	-	31.0	35.82				
7/11	1155	S	O	-	30.6	35.23				
		B	O	-	30.5	34.78				
7/23	0915	S	O	-	30.5	30.60				
		B	O	-	30.7	34.65				
7/31	1200	S	O	-	31.2	31.07				
		B	O	-	31.0	32.35				

STATION B 79 (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
8/6	1530	S	P	0.0	29.7	30.43				
8/8	1012	S	C	-	30.3					
		B	C	-	30.2	33.27				
8/12	1236	S	C	-	30.5	34.18				
8/20	1350	S	C	-	32.0	29.58				
8/27	1020	S	C	-	30.3	34.47				
		B	C	-	30.3	34.73				
9/10	1315	S	P	0.0	30.2	28.97				
9/16	0928	S	C	-	27.5	20.37				
9/23	0908	S	C	-	28.8	34.88				
10/15	1255	S	C	-	27.2	19.37				
10/21	0750	S	C	-	26.0	34.22				
10/23	1427	S	F	48	25.5	33.72				
		B	F	10	25.1	33.73				
10/28	0923	S	C	-	17.0					
10/31	0951	S	F	280	20.5	30.62				
		B	P	140	22.0	33.95				
11/4	0940	S	F	6.0	23.0	33.74				
11/6	0940	S	F	18	22.5	34.16	0.06	1.3	1.8	0.3
		B	C	-	22.4	34.52	0.04	1.1	5.5	0.1
11/14	1345	S	F	38	22.8	33.65	0.10			
		B	F	6.0	22.4	34.64	0.06			
11/20	1155	S	F	0.2	24.3	35.40				
11/21	1016	S	P	0.0	23.3	34.24	0.09			
		B	P	0.0	23.1	34.33	0.05			
12/10	1352	S	F	220	17.5	33.03	0.07			
12/17	1324	S	F	54	17.2	32.27				
12/23	1256	S	F	4.0	17.7	34.09				
1958										
2/5	1205	S	F	0.0	15.0	-	0.04			
2/14	1114	S	P	0.0	14.0	32.56				
2/24	1150	S	C	-	15.2	32.45				
3/11	1049	S	P	0.1	20.5	26.96				
3/25	1127	S	C	-	18.3	32.54				
4/8	1325	S	C	-	22.5	32.43	0.00			
4/20	1122	S	C	-	21.7	33.39	0.01			
5/6	1327	S	F	0.2	28.5	32.97	0.01			
5/21	1200	S	C	-	26.5	34.29				
6/10	1150	S	C	-	29.7	33.17				

STATION B 85 Depth of 6 feet 26°17.5' N. 81°49.3' W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1957										
7/11	1230	S	O	-	30.9	35.00				
		B	O	-	30.5	35.45				
7/23	1324	S	P	0.0	32.0	31.87				
		B	O	-	31.2	35.65				
7/31	1231	S	O	-	31.0	34.13				
		B	O	-	30.7	34.00				
8/27	1147	S	P	0.1	30.7	34.91				
		B	P	0.0	30.2	34.91				
10/7	0743	S	O	-	28.3	33.27	0.08			
		B	O	-	28.0	34.63				
10/31	0933	S	P	480	22.6	31.55				
		B	P	320	22.5	34.03				
11/6	0920	S	P	0.0	22.8	34.17	0.05	1.1	1.5	0.6
		B	P	0.0	22.8	34.21	0.07	1.3	1.9	0.3
11/14	1403	S	P	390	22.4	35.06	0.18			
		B	P	470	22.6	34.60	0.11			
11/21	0958	S	P	2.6	23.5	34.37	0.15			
		B	P	10	23.5	34.46	0.07			

STATION B 92 Depth of 22 feet 26°13' N. 81°51.9' W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1957										
7/11	1305	S	O	-	31.2	36.03				
		B	O	-	31.4	36.05				
7/31	1310	S	O	-	31.0	35.32				
		B	O	-	31.0	35.67				
10/31	0902	S	P	1220	21.5	33.65				
		M	P	1240	21.5	33.62				
		B	P	960	21.5	33.63				
11/6	0905	S	P	18	22.6	34.50	0.05	0.9	1.2	0.2
		B	P	12	22.5	34.48	0.05	1.1	1.3	0.3
11/21	0937	S	P	0.8	23.5	34.65	0.16			
		B	P	0.0	23.0	34.63	0.15			

STATION B 93 Depth of 10 feet 26°13' N. 81°49.6' W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3- NO_2
1957										
7/11	1330	S	O	-	31.7	36.34				
		B	O	-	31.3	36.30				
7/18	1009	S	C	-	30.7	35.87				
		B	O	-	31.0	35.97				
7/31	1325	S	O	-	31.0	35.60				
		B	O	-	31.0	35.52				
8/13	1100	S	O	-	-	34.64				
11/14	1429	S	O	-	22.7	34.48	0.10			
		B	F	0.8	22.9	34.47	0.09			

STATION C 3 Depth of 19 feet 26°07.5' N. 81°49.1' W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1957										
7/11	1355	S	P	0.0	30.8	36.47				
		B	O	-	30.5	36.24				
7/31	1346	S	O	-	31.0	35.05				
		B	O	-	31.0	35.05				
8/13	0915	S	O	-	29.8	34.67				
8/19	0745	S	O	-	31.1	35.23	0.05			
		B	O	-	30.8	34.37				
10/24	0901	S	P	180	25.6	34.97				
		B	P	120	25.5	35.06				
11/6	0844	S	P	26	23.0	34.15	0.07	1.2	2.2	0.4
		B	P	66	22.9	34.09	0.13	1.5	4.2	0.3
11/14	1439	S	P	32	22.5	34.38	0.04			
		B	P	34	22.7	34.49	0.03			

STATION C 5 Depth of 8 feet 26°05.9' N. 81°47.7' W.

1957										
7/2	1132	S	O	-	31.2	32.58				
		B	O	-	31.2	32.97				
7/24	1640	S	O	-	32.1	18.06				
		B	O	-	32.0	26.25				
8/6	0930	S	O	-	29.5	28.83				
		B	O	-	29.3	29.39				
8/19	0847	S	O	-	30.9	32.95				
8/20	0909	S	O	-	31.2	26.17				
10/28	0907	S	P	180	19.7					
11/18	1057	S	P	22	24.0	34.54	0.13			
		B	P	14	24.8	34.48	0.06			

STATION C 7 Depth of 18 feet 26°05.8' N. 81°48.7' W.

1957										
7/11	1421	S	P	0.0	30.8	36.25				
		B	O	-	30.5	36.17				
7/18	1100	S	O	-	31.0	34.52				
		B	O	-	30.6	35.80				
7/23	1436	S	O	-	31.8	32.64				
		B	O	-	31.4	35.80				
7/24	1500	S	O	-	31.6	28.16				
		B	O	-	31.8	33.37				
7/31	1407	S	O	-	31.4	35.65				
		B	O	-	31.4	35.70				

STATION C 7 (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
8/19	0720	S	O	-	30.6	34.67	0.12	-	0.4	
		B	O	-	31.0	35.14				
8/20	1137	S	O	-	31.2	30.20	0.03	-	1.1	
8/27	1345	S	O	-	30.2	34.84				
		B	O	-	30.1	34.92				
9/9	1420	S	O	-	30.2	14.26				
9/16	0912	S	O	-	27.7	24.63				
10/15	1345	S	O	-	27.5	33.28				
10/21	0812	S	O	-	25.5	35.01				
10/23	1530	S	O	-	25.6	35.00				
		B	O	-	26.0	35.00				
10/31	0832	S	P	320	21.6	33.84				
		B	P	480	21.0	33.34				
11/4	0915	S	P	42	22.7	33.69				
11/18	1035	S	P	44	24.4	34.54	0.13			
		B	P	14	25.4	34.55	0.18			
11/20	1303	S	P	72	24.5	34.49	0.06			
		B	P	52	24.5	34.54	0.08			
11/21	0914	S	P	1.6	23.8	34.44	0.15			
		B	P	0.1	23.5	34.43	0.15			
12/10	1220	S	P	280	17.7	33.87				
12/17	1248	S	P	160	16.3	34.27				
12/23	1240	S	P	32	17.8	34.33				
1958										
2/5	1140	S	P	20	14.8	31.06				
2/14	1059	S	O	-	13.5	32.59				
2/24	1135	S	O	-	15.7	31.33				
3/11	1031	S	O	-	20.5	32.50				
3/25	1058	S	P	0.0	18.8	32.10				
4/8	1309	S	O	-	22.5	32.10				
4/20	1106	S	O	-	22.5	31.26				
5/6	1242	S	P	0.0	27.0	33.60				
5/21	1131	S	O	-	26.3	34.20	-			
6/10	1117	S	O	-	29.8	24.60				
6/17	0950	S	O	-	29.8	31.27				

STATION C 15 Depth of 3 feet 26°02' N. 81°45.2' W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1957										
7/8	1235	S	O	-	32.2	35.49	0.04			
9/9	1410	S	O	-	30.7	22.38	0.06			
9/16	0835	S	O	-	27.2					
9/23	0847	S	O	-	29.8	23.78				
10/15	1337	S	O	-	28.0	25.82	0.12			
10/21	0905	S	O	-	25.2	32.38				
10/28	0900	S	P	0.2	19.0					
11/4	0902	S	P	180	22.6	29.75				

STATION C 16 Depth of 16 feet 26°01' N. 81°45.8' W.

1957										
7/24	1600	S	O	-	32.4	30.43				
		B	O	-	32.4	31.35				
7/25	1138	S	O	-	30.6	33.62				
		B	O	-	30.5	34.59				
8/6	1010	S	P	0.0	30.2	33.63				
		B	P	0.0	30.2	33.69				
8/13	1048	S	O	-	30.5	34.98				
8/19	0947	S	O	-	30.5	32.31				
8/20	0935	S	O	-	30.7	34.42	0.00	-	0.6	
		B	O	-	30.7	34.38	0.18	-	0.4	
9/9	1358	S	O	-	30.0	31.62				
9/16	0904	S	O	-	27.5	28.70				
9/23	0822	S	O	-	28.5					
10/15	1317	S	O	-	27.5	30.62				
10/28	0845	S	P	86	20.0					
11/4	0840	S	P	460	22.5	33.67				
11/12	1158	S	P	10	22.0	33.65				
11/18	1201	S	P	14	24.5	34.57	0.25			
		B	P	10	24.8	34.40	0.15			
11/20	1122	S	P	1.4	24.7	35.20				
12/10	1212	S	P	40	18.0	34.40				
12/17	1241	S	P	40	16.2	34.29				
12/23	1232	S	P	16	17.8	34.51				
1958										
2/5	1143	S	P	0.2	15.0	31.89				
2/14	1050	S	P	1.0	13.3	32.41				
2/24	1125	S	O	-	15.3	32.27				
3/11	1020	S	O	-	21.0	32.50				
3/25	1051	S	P	-	18.8	32.12				

STATION C 16 (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
4/8	1300	S	O	-	22.7	32.56				
4/20	1058	S	O	-	21.8	32.38				
5/6	1233	S	P	0.0	27.2	33.66				
5/21	1125	S	O	-	26.9	34.34				
6/10	1109	S	O	-	28.9	29.67				
6/17	0944	S	O	-	29.8	30.93				

STATION C 20 Depth of 28 feet 25°58' N. 81°44.7' W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1957										
7/8	1227	S	O	-	31.0	36.06				
7/25	1330	S	O	-	31.5	35.87				
		B	O	-	31.2	35.85				
8/6	1045	S	P	0.2	30.3	34.07				
		B	P	0.0	30.0	34.09				
8/13	1145	S	O	-	30.2	34.45				
8/19	0952	S	O	-	30.1	32.92				
8/20	1035	S	O	-	30.9	34.03	0.00	-	0.5	
		B	O	-	31.5	33.89	0.01	-	0.6	
9/9	1352	S	O	-	30.0	31.47				
9/16	0857	S	O	-	27.5	30.84				
9/23	0830	S	O	-	28.7	33.57				
10/15	1325	S	O	-	27.5	33.41				
10/21	0850	S	O	-	25.6	34.46				
10/28	0855	S	P	8.0	20.0					
11/4	0855	S	P	1100	22.5	33.55				
11/7	1320	S	P	16	23.2	33.48				
11/12	1153	S	P	12	21.3	33.80				
11/18	1236	S	P	6.0	24.6	34.35	0.31			
		B	P	8.0	24.7	34.29	0.17			
11/20	1116	S	P	10	25.0	35.20				
12/10	1205	S	P	140	18.0	34.61	0.05			
12/17	1236	S	P	80	16.3	34.25				
12/23	1227	S	P	20	18.0	34.45	-			
1958										
2/5	1131	S	P	4.8	14.0	31.46	0.03			
2/14	1045	S	P	4.0	13.5	32.07				
2/24	1120	S	O	-	16.5	32.00				
3/11	1114	S	O	-	21.7	32.36				
3/25	1045	S	P	0.1	18.0	32.12				
4/8	1257	S	O	-	23.5	31.36	0.01			

STATION C 20 (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
4/20	1052	S	O	-	22.0	32.50				
5/6	1207	S	O	-	27.5	33.62	0.01			
5/21	1119	S	O	-	27.3	34.34				
6/10	1103	S	O	-	28.3	33.86				
6/17	0938	S	O	-	30.0	30.57	0.02			

STATION C 32 Depth of 6 feet 25°54.3' N. 81°43.6' W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1957										
7/8	1220	S	O	-	31.3	36.27	0.03			
7/10	1145	S	O	-	31.2	35.67				
8/13	1106	S	P	0.0	30.0	35.35				
8/19	1000	S	O	-	-	34.62				
9/9	1350	S	O	-	30.0	31.62				
9/16	0845	S	O	-	27.2	25.54				
9/23	0836	S	P	0.0	29.8	35.97				
10/15	1332	S	O	-	27.7	30.17	0.21			
10/21	0900	S	O	-	25.6	34.29				
10/28	0851	S	P	0.6	20.0					
11/4	0850	S	P	420	22.3	34.11				
11/7	1150	S	P	54	23.0	33.45				
11/12	1145	S	P	12	21.7	34.06				
11/15	1620	S	P	4.0	24.5	34.86	0.07			
11/20	1108	S	P	60	25.2	35.20				
12/10	1155	S	P	54	17.8	34.70	0.00			
12/17	1230	S	P	140	16.5	34.34				
12/23	1221	S	P	4.0	18.3	34.42				
1958										
2/5	1124	S	P	26	13.7	32.39	0.03			
2/14	1038	S	P	4.0	13.5	32.23				
2/24	1112	S	O	-	16.5	31.82				
3/11	1005	S	O	-	22.8	31.53				
3/25	1038	S	P	0.0	18.7	32.10				
4/8	1249	S	O	-	22.5	32.18	0.01			
4/20	1045	S	O	-	22.2	33.21				
5/6	1200	S	O	-	27.7	31.71	0.01			
5/21	1112	S	O	-	27.7	33.86				
6/10	1050	S	O	-	29.8	33.53				
6/17	0931	S	O	-	31.0	30.30	0.01			

STATION C 32a Depth of 3 feet 25°50.4' N. 81°40.4 W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3- NO_2
1957										
11/7	1140	S	P	112	23.0	33.93				
11/12	1137	S	P	4.0	21.5	34.01				
11/20	1058	S	P	160	25.3	35.20				
12/10	1145	S	P	40	18.2	34.88				
12/17	1224	S	P	180	16.2	33.93				
12/23	1215	S	P	60	18.7	34.27				
1958										
2/5	1115	S	P	60	14.0	32.68				
2/14	1030	S	P	10	13.5	32.32				
2/24	1106	S	O	-	15.7	31.60				
3/11	0951	S	O	-	22.5	31.49				
3/25	1032	S	P	0.2	18.3	32.23				
4/8	1241	S	O	-	23.5	32.07				
4/20	1036	S	O	-	21.7	33.39				
5/6	1151	S	O	-	28.5	33.60				
5/21	1105	S	O	-	27.5	33.49				
6/10	1049	S	O	-	29.5	30.97				
6/17	0925	S	O	-	29.8	29.85				

STATION C 32b Depth of 4 feet 25°52.9' N. 81°37.9' W.

1957										
11/12	1130	S	P	80	22.0	33.29				
11/20	1050	S	P	120	25.5	34.20				
12/10	1140	S	P	26	18.2	34.79				
12/17	1216	S	P	130	16.0	34.61				
12/23	1210	S	P	160	19.0	34.61				
1958										
2/5	1109	S	P	8.0	13.0	31.60	0.06			
2/14	1055	S	P	1.4	12.5	30.79				
2/24	1100	S	O	-	16.5	32.05				
3/11	0944	S	O	-	23.0	30.64				
3/25	1029	S	O	-	19.0	32.18				
4/8	1235	S	O	-	23.5	32.14				
4/20	1031	S	O	-	22.3	33.37				
5/6	1145	S	O	-	28.2	31.71				
5/21	1100	S	O	-	27.5	32.38				
6/10	1043	S	O	-	29.5	32.05				
6/17	0920	S	O	-	29.8	27.48				

STATION C 42 Depth of 2 feet 25°46' N. 81°23' W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1957										
7/8	0807	S	O	-	30.0	32.25				
8/19	1106	S	O	-	31.5	24.06				
9/9	0850	S	O	-	28.0	17.87				
11/7	1115	S	O	-	23.0	25.40				
11/12	1109	S	O	-	21.5	20.67				
11/20	1130	S	O	-	25.8	27.40				
12/10	1117	S	O	-	17.8	28.48				
12/17	1200	S	O	-	16.2	31.09				
12/23	1106	S	O	-	19.8	30.90				
1958										
2/5	1045	S	O	-	13.5	14.47				
2/14	1008	S	O	-	12.5	15.37				
2/24	1043	S	O	-	17.3	20.97				
3/11	0928	S	O	-	23.7	25.90				
3/25	0942	S	O	-	18.7	23.60				
4/8	1122	S	O	-	23.8	21.37				
4/20	1012	S	O	-	23.0	22.36				
5/6	1125	S	O	-	27.8	26.20				
5/21	1042	S	O	-	27.3	27.09				
6/10	0942	S	O	-	29.2	24.16				
6/17	0903	S	O	-	30.2	16.40				

STATION C 42a Depth of 9 feet 25°48' N. 81°28.1' W.

1957										
11/7	1127	S	P	24	23.0	31.32				
11/12	1116	S	P	22	21.8	27.55				
11/20	1138	S	O	-	25.7	31.30				
12/10	1125	S	O	-	18.0	29.69	0.00			
12/17	1206	S	P	0.0	16.0	32.97				
12/23	1200	S	P	0.0	19.7	32.95				
1958										
2/14	1015	S	P	3.0	13.3	28.80	0.05			
2/24	1050	S	O	-	17.3	24.99				
3/11	0936	S	O	-	24.0	25.26				
3/25	1016	S	O	-	19.2	26.17				
4/8	1225	S	O	-	24.5	25.28	0.02			
4/20	1019	S	O	-	23.0	26.73				
5/6	1135	S	O	-	28.3	27.30	0.01			
5/21	1049	S	O	-	28.0	27.81				
6/10	1032	S	O	-	29.7	28.86				
6/17	0910	S	O	-	30.5	22.41	0.03			

STATION C 50 Depth of 5 feet 25°41' N. 81°17.5' W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1957										
7/8	0815	S	O	-	30.5	31.28	0.03			
8/19	1116	S	O	-	31.3	31.18				
9/9	0900	S	O	-	28.2	19.88	0.03			
11/7	1105	S	O	-	23.2	28.42				
11/12	1058	S	O	-	22.3	18.22				
11/20	1120	S	O	-	25.8	32.80				
12/10	1107	S	O	-	18.7	27.83	0.01			
12/17	1041	S	P	0.0	15.5	31.69				
12/23	1058	S	O	-	19.7	28.59				
1958										
2/5	1048	S	O	-	13.5	16.65				
2/14	0957	S	O	-	13.0	29.94	0.11			
2/24	1035	S	P	0.0	18.5	24.04	0.01			
3/11	0917	S	O	-	23.5	27.74				
3/25	0935	S	O	-	18.7	25.75				
4/8	1113	S	O	-	24.5	16.67	0.02			
4/20	1002	S	O	-	22.5	25.30				
5/6	1117	S	O	-	27.5	28.10	0.01			
5/21	1034	S	O	-	27.2	28.60				
6/10	0934	S	O	-	28.7	27.16				
6/17	0855	S	O	-	29.6	21.51	0.02			

STATION C 54 Depth of 6 feet 25°38' N. 81°16.4' W.

1957										
7/8	0824	S	O	-	30.2	34.40				
8/19	1122	S	O	-	30.8	33.29				
9/9	0907	S	O	-	28.0	31.29				
11/7	1058	S	O	-	22.8	30.81				
11/12	1050	S	O	-	-	29.87				
11/20	1114	S	O	-	25.7	32.60				
12/10	1058	S	O	-	17.8	33.87				
12/17	1035	S	P	0.0	16.0	32.16				
12/23	1052	S	P	0.0	19.7	32.77				
1958										
2/5	1039	S	O	-	12.2	25.95				
2/24	1029	S	P	32	18.3	27.94				
3/11	0909	S	O	-	23.5	29.90				
3/25	0928	S	O	-	18.7	27.50				
4/8	1106	S	O	-	23.7	25.79				

STATION C 54 (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
4/20	0952	S	O	-	22.0	26.69				
5/6	1109	S	O	-	27.2	28.13				
5/21	1029	S	O	-	26.1	28.93				
6/10	0928	S	O	-	28.3	20.84				
6/17	0850	S	O	-	29.0	24.04				

STATION C 61 Depth of 3 feet 25°33' N. 81°12' W.

1957										
7/8	1040	S	O	-	31.0	25.23	0.01			
8/19	1252	S	O	-	31.2	16.64				
9/9	1155	S	O	-	30.5	5.17	0.05			
11/7	1049	S	O	-	23.5	10.37				
11/12	1045	S	O	-	22.3	9.71				
11/20	1007	S	O	-	26.0	18.50				
12/10	1047	S	O	-	18.3	-	0.07			
12/17	1025	S	P	0.0	16.3	26.33				
12/23	1043	S	O	-	20.2	20.16				
1958										
2/5	1030	S	O	-	14.7	10.14				
2/24	1021	S	O	-	18.2	11.40				
4/8	1056	S	O	-	24.5	16.04				
4/20	0948	S	O	-	23.0	13.24				
5/6	1100	S	O	-	27.0	28.42				
5/21	1020	S	O	-	26.8	19.38				
6/10	0919	S	O	-	28.4	26.94				
6/17	0841	S	O	-	30.5	4.00				

STATION C 64 Depth of 3 feet 25°28.8' N. 81°10' W.

1957										
7/8	1031	S	O	-	31.5	28.14	0.01			
8/19	1135	S	O	-	31.2	25.59				
9/9	0921	S	O	-	28.0	14.00				
11/7	1040	S	O	-	23.8	29.22				
11/12	1033	S	O	-	22.5	15.53				
11/20	1058	S	O	-	26.0	28.20				
12/10	1038	S	O	-	18.0	26.78				
12/17	1018	S	O	-	16.8	30.44				
12/23	1035	S	O	-	20.2	24.90				

STATION C 64 (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3- NO_2
1958										
2/5	1018	S	O	-	14.5	13.55				
2/24	1014	S	O	-	18.2	19.76				
4/8	1048	S	O	-	24.0	18.21				
4/20	0941	S	O	-	22.3	17.68				
5/6	1052	S	O	-	28.7	25.68				
5/21	1013	S	O	-	26.6	24.05				
6/10	0912	S	O	-	28.0	12.72				
6/17	0833	S	O	-	29.6	15.84				

STATION C 68 Depth of 3 feet 25°22.1' N. 81°08.4' W.

1957										
7/8	1022	S	O	-	30.5	33.67	0.03			
8/19	1240	S	O	-	31.5	32.80				
9/9	0932	S	O	-	29.5	27.49	0.14			
11/7	1030	S	O	-	23.0	27.33				
11/12	1020	S	O	-	23.0	20.10				
11/20	0950	S	O	-	26.0	26.60				
12/10	1022	S	O	-	18.2	27.59	0.10			
12/17	1007	S	O	-	16.5	25.90	0.04			
12/23	1027	S	O	-	19.5	26.71				
1958										
2/5	1014	S	O	-	14.8	25.21	0.10			
2/24	1006	S	O	-	17.3	20.88				
4/8	1040	S	O	-	24.5	22.94	0.02			
4/20	0932	S	O	-	23.0	23.87				
5/6	1044	S	O	-	27.2	21.60	0.01			
5/21	1004	S	O	-	27.1	25.44				
6/10	0904	S	O	-	28.1	21.35				
6/17	0826	S	O	-	29.9	18.26	0.03			

STATION C 72 Depth of 8 feet 25°19.4' N. 81°09' W.

1957										
11/12	1015	S	O	-	22.7	26.60				
11/20	0944	S	O	-	26.2	31.40				
12/10	1015	S	P	0.0	17.8	30.48	0.01			
12/17	1000	S	O	-	16.3	30.53	0.05			
12/23	1022	S	O	-	19.8	29.36				

STATION C 72 (Cont'd)

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958										
2/5	1005	S	O	-	15.2	27.32	0.07			
2/24	1000	S	O	-	16.5	28.19				
4/8	1032	S	O	-	23.7	27.16	0.02			
4/20	0926	S	O	-	22.5	26.56				
5/6	1035	S	O	-	27.2	28.89	0.01			
5/21	0959	S	O	-	27.2	28.60				
6/10	0858	S	O	-	28.5	20.70				
6/17	0819	S	O	-	29.8	24.85	0.01			

STATION D 9 Depth of 4 feet 25°03.9' N. 80°59' W.

Date	Time	S or B	G. breve C.	G. breve M.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1957										
7/8	0910	S	O	-	31.2	40.98				
9/9	1016	S	O	-	28.3	37.16				
11/7	1002	S	O	-	23.0	32.79				
11/12	0955	S	O	-	22.0	32.26				
11/20	0921	S	O	-	26.3	33.40				
12/10	0955	S	O	-	17.3	32.07				
12/17	0940	S	O	-	16.7	31.38				
12/23	1005	S	O	-	20.3	32.30				
1958										
2/5	0945	S	O	-	12.7	32.94				
2/24	0944	S	O	-	18.0	30.46				
4/8	1012	S	O	-	24.2	31.64				
5/21	0941	S	O	-	26.5	33.37				

STATION D 11 Depth of 9 feet 24°59.2' N. 81°00.7' W.

1957										
7/8	1904	S	O	-	30.3	38.87				
9/9	1020	S	O	-	29.2	36.37				
12/10	0947	S	O	-	17.5	33.12				
12/17	0932	S	O	-	17.5	32.70				
12/23	1000	S	O	-	20.3	34.02				
1958										
2/5	0939	S	O	-	13.5	32.90				
2/24	0938	S	O	-	16.5	30.12				
4/8	1005	S	O	-	23.3	32.14				
5/21	0936	S	O	-	26.5	35.70				

STATION DATA

Part II - Tampa Bay and adjacent waters

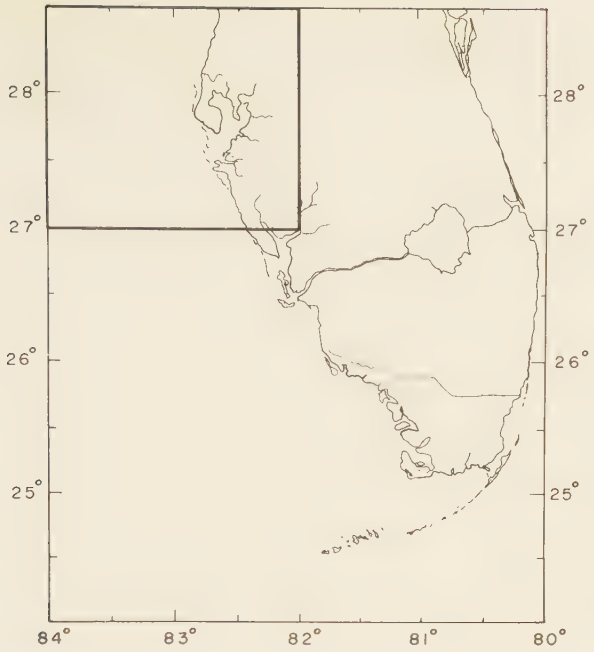

Figure 6.--Index map of southern Florida with outline of area sampled in Part II.

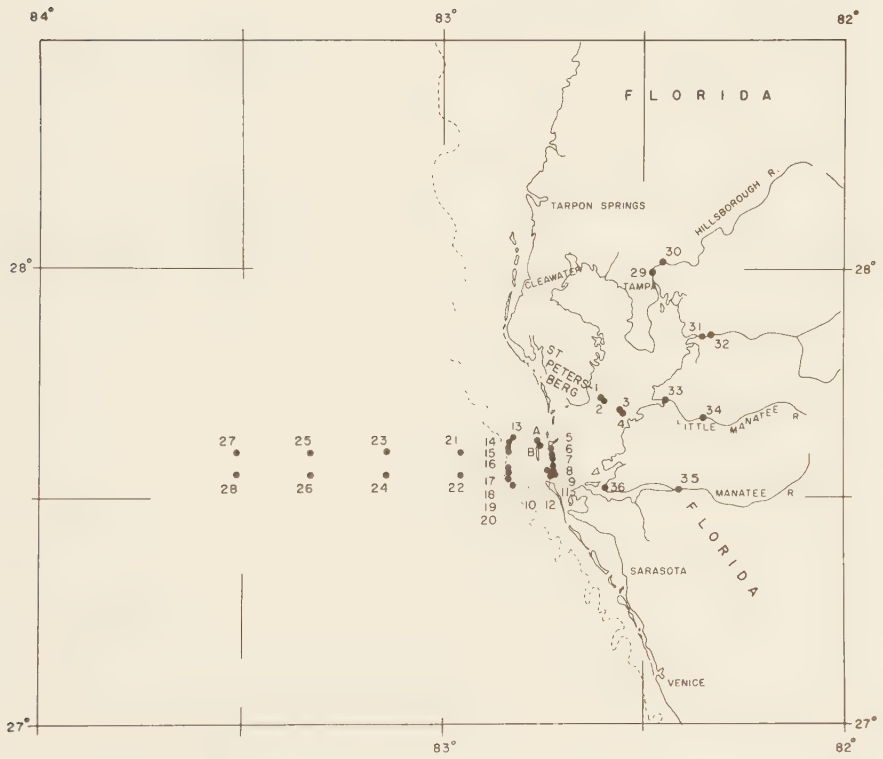

Figure 7.--Tampa Bay area showing station locations for Part II.

STATION 1 Depth of 26 feet 27°43.1' N. 82°36.5' W.

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958												
10/9	0954				0	-						
		1	F	0.0			26.7	28.13	0.09	-	21.7	0.2
		2	C	-			26.6	28.03	0.07	-	17.7	0.3
		3	C	-			26.6	28.22	0.07	-	19.7	0.3
		4	C	-			26.6	28.40	0.07	17.3	20.0	0.3
11/6	0919				7	-						
		1	F	0.0			22.0	27.77	0.01	18.0	20.0	0.1
		2	C	-			21.8	27.77	0.02	18.2	18.7	0.2
		3	F	0.0			21.7	27.81	0.02	18.0	18.6	0.3
		4	C	-			21.7	27.81	0.02	17.9	19.0	0.0
12/2	0925				3	5						
		1	C	-			21.0	27.20	0.04	23.2	25.5	0.0
		2	C	-			21.0	27.09	0.08	22.0	23.1	0.1
		3	C	-			20.8	27.18	0.05	20.2	22.9	0.6
		4	C	-			20.8	27.18	0.03	22.5	22.9	0.1
1959												
1/26	1013				9	9						
		1	C	-			13.6	24.74	0.03	25.3	27.7	0.5
		2	C	-			13.6	24.72	0.02	21.8	22.3	0.2
		3	C	-			13.6	24.76	0.02	23.0	24.0	0.3
		4	C	-			13.6	24.87	0.01	23.2	24.6	0.3
2/19	0905				7	9						
		1	C	-			22.0	24.90	0.02	26.6	27.2	0.2
		2	C	-			22.0	24.65	0.02	21.4	29.6	0.2
		3	C	-			22.2	25.05	0.02	23.6	24.5	0.4
		4	C	-			22.2	25.62	0.00	23.2	23.9	0.4
3/24	0754				4	5½						
		1	C	-			18.6	19.81	0.03	24.9	29.4	0.4
		2	C	-			18.6	19.74	0.01	25.9	26.4	1.2
		3	C	-			18.6	19.74	0.01	26.6	-	0.4
		4	C	-			18.6	19.74	0.01	24.9	26.4	0.4
4/9	0805				0	5½						
		1	C	-			23.0	16.98	0.02	22.8	26.1	0.6
		2	C	-			23.1	16.94	0.02	24.1	31.5	0.5
		3	C	-			23.6	17.38	0.02	23.1	27.9	0.5
		4	C	-			23.6	17.02	0.03	23.3	27.5	0.5
5/14	1409				9	9						
		1	C	-			27.1	22.77	0.02	20.2	20.6	0.1
		2	C	-			27.1	22.77	0.03	-	19.2	0.5
		3	C	-			27.0	23.86	0.02	20.0	20.3	0.2
		4	C	-			26.9	24.47	0.04	22.0	28.0	0.2

STATION 1 (Cont'd)

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
6/9	1003				7	5½						
		1	O	-			28.2	23.19	0.05	22.0	25.8	0.2
		2	O	-			28.2	23.19	0.05	20.9	22.9	0.6
		3	O	-			28.2	23.13	0.07	21.8	23.6	0.2
		4	O	-			28.5	23.26	0.03	20.0	22.6	0.3
7/6	0927				2	7½						
		1	O	-			29.6	21.46	0.02	24.4	25.8	0.1
		2	O	-			29.3	21.42	0.02	21.1	21.5	0.2
		3	O	-			29.3	21.42	0.02	14.4	24.2	0.2
		4	O	-			29.3	21.85	0.06	17.0	17.9	0.4
8/20	0705				4	7						
		1	O	-			28.4	17.03	0.02	23.6	24.0	0.5
		2	O	-			28.4	16.98	0.03	18.2	22.9	0.8
		3	O	-			28.5	16.94	0.04	18.3	23.0	1.0
		4	O	-			28.5	16.98	0.03	20.2	24.2	0.2
9/14	1041				4	5½						
		1	O	-			28.6	19.02	0.03	19.5	22.2	0.1
		2	O	-			28.2	19.25	0.02	17.8	18.8	0.1
		3	O	-			28.2	19.58	0.03	18.0	20.3	0.1
		4	O	-			28.2	20.23	0.03	17.4	18.0	0.1
10/14	0955				6	8½						
		1	O	-			27.7	21.31	0.02	22.1	22.8	0.3
		2	O	-			27.7	21.37	0.04	21.8	21.9	0.1
		3	O	-			27.7	21.42	0.04	22.8	22.8	0.2
		4	O	-			27.7	21.56	0.02	22.0	22.0	0.2
11/5	1040				3	8						
		1	O	-			25.5	19.72	0.02	23.4	23.5	0.2
		2	O	-			25.3	19.94	0.02	22.2	23.9	0.1
		3	O	-			25.2	19.98	0.02	23.0	23.1	0.2
		4	O	-			24.5	19.98	0.02	23.2	23.2	0.1
12/16	1305				6	9						
		1	O	-			17.2	23.75	0.02	16.9	24.3	1.4
		2	O	-			17.1	23.78	0.02	20.0	23.5	0.3
		3	O	-			17.2	23.77	0.02	18.6	21.4	0.2
		4	O	-			17.3	23.82	0.03	19.5	22.8	0.2

STATION 2 Depth of 15 feet 27°42.7' N. 82°35.8' W.

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958												
10/9	1010				0	-						
		1	-	-			26.6	28.59	0.06	20.1	25.4	0.3
		2	-	-			26.6	28.53	0.08	19.7	21.9	0.0
		3	-	-			26.6	28.49	0.04	21.2	23.6	0.3
		4	-	-			26.6	28.53	0.03	17.5	20.7	0.3
11/6	0937				7	-						
		1	-	-			21.6	27.05	0.02	-	22.0	0.1
		2	-	-			21.6	27.50	0.02	-	17.1	0.2
		3	-	-			21.6	27.95	0.02	19.7	19.7	0.3
		4	-	-			21.6	28.19	0.02	-	15.7	0.3
12/2	0931				3	5						
		1	-	-			20.9	27.21	0.04	24.0	25.0	0.1
		2	-	-			21.0	27.14	0.04	22.3	26.1	0.5
		3	-	-			20.8	27.14	0.03	20.5	22.4	0.4
		4	-	-			20.8	27.11	0.03	23.6	24.8	0.3
1959												
1/26	1033				9	8						
		1	-	-			13.8	25.01	0.02	24.0	24.7	0.4
		2	-	-			13.6	25.01	0.02	21.7	21.7	0.2
		3	-	-			13.6	24.99	0.02	-	23.0	0.5
		4	-	-			13.7	25.10	0.00	21.6	27.7	0.3
2/19	0922				7	8						
		1	-	-			22.0	24.94	0.00	26.3	27.6	0.5
		2	-	-			22.0	24.90	0.02	23.1	24.3	0.5
		3	-	-			22.1	24.99	0.02	20.3	26.0	0.5
		4	-	-			22.0	25.03	0.00	25.8	27.0	0.4
3/24	0811				4	5						
		1	-	-			18.8	20.07	0.01	26.6	33.2	0.6
		2	-	-			18.8	20.07	0.01	24.9	25.4	0.7
		3	-	-			18.8	20.07	0.01	22.1	27.8	0.5
		4	-	-			18.8	18.24	0.00	19.9	29.7	0.4
4/9	0824				0	6						
		1	-	-			23.3	17.38	0.03	22.8	33.0	0.4
		2	-	-			23.3	17.34	0.02	20.5	27.7	0.4
		3	-	-			23.2	17.41	0.03	23.3	24.0	0.4
		4	-	-			23.2	17.57	0.03	-	23.0	0.4
5/14	1352				9	9						
		1	-	-			27.3	22.72	0.03	-	19.2	0.2
		2	-	-			27.3	22.81	0.03	-	17.8	0.3
		3	-	-			27.2	22.95	0.03	18.6	22.2	0.3
		4	-	-			27.2	23.84	0.03	19.6	20.3	0.5

STATION 2 (Cont'd)

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
6/9	1021				7	7½						
		1	-	-			28.5	23.22	0.08	24.7	30.6	0.0
		2	-	-			28.5	23.19	0.03	23.4	23.4	0.8
		3	-	-			28.5	23.12	0.05	22.7	24.3	0.2
		4	-	-			28.7	23.22	0.07	20.7	24.3	0.3
7/6	0947				2	5½						
		1	-	-			29.6	22.05	0.04	22.0	23.2	0.1
		2	-	-			29.5	22.12	0.03	20.9	21.2	0.1
		3	-	-			29.5	22.14	0.03	19.3	25.8	0.2
		4	-	-			29.5	22.18	0.04	18.0	18.1	0.2
8/20	0728				4	4						
		1	-	-			28.0	16.80	0.03	20.1	24.2	0.3
		2	-	-			28.0	16.85	0.03	15.8	22.4	0.5
		3	-	-			28.0	16.89	0.03	20.2	24.5	0.4
		4	-	-			28.0	16.80	0.03	20.2	25.4	0.6
9/14	1057				4	5½						
		1	-	-			28.6	20.70	0.03	18.6	21.3	0.1
		2	-	-			28.4	20.70	0.03	17.4	18.9	0.2
		3	-	-			28.3	21.02	0.03	17.5	18.6	0.1
		4	-	-			28.3	21.74	0.03	15.8	17.5	0.1
10/14	1015				6	5						
		1	-	-			27.7	22.99	0.02	20.2	20.3	0.2
		2	-	-			27.7	22.90	0.01	21.8	21.9	0.1
		3	-	-			27.7	23.01	0.02	21.5	21.6	0.1
		4	-	-			27.7	23.06	0.02	21.3	21.5	0.2
11/5	1054				3	7½						
		1	-	-			24.7	19.40	0.02	21.9	21.9	0.1
		2	-	-			24.5	19.29	0.02	21.9	24.2	0.2
		3	-	-			24.5	19.40	0.00	23.8	24.5	0.1
		4	-	-			24.5	19.43	0.01	21.6	21.7	0.1
12/16	1317				6	8						
		1	-	-			16.9	24.38	0.03	18.0	21.2	0.6
		2	-	-			16.9	24.38	0.03	18.4	21.6	1.1
		3	-	-			16.9	24.43	0.03	17.3	21.9	0.3
		4	-	-			17.0	24.43	0.04	18.1	21.9	0.3

STATION 3 Depth of 38 feet 27°41.6' N. 82°33.5' W.

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958												
10/9	1036				0	-						
		1	O	-			27.2	29.54	0.05	19.4	21.7	0.0
		2	P	0.0			27.1	29.54	0.04	18.7	19.4	0.2
		3	P	0.0			27.2	29.65	0.04	17.7	20.1	0.2
		4	P	0.1			27.2	29.83	0.03	16.4	17.8	0.4
11/6	0957				7	-						
		1	P	0.1			21.8	28.87	0.02	18.8	18.8	0.4
		2	P	0.1			21.7	29.65	0.02	14.7	14.7	0.3
		3	P	0.1			21.7	29.69	0.02	15.3	16.2	0.1
		4	P	0.0			21.8	29.76	0.02	15.1	16.0	0.2
12/2	0951				3	6						
		1	O	-			21.0	26.87	0.03	22.9	25.7	0.0
		2	O	-			21.4	26.76	0.04	24.0	26.0	2.0
		3	O	-			21.0	27.72	0.04	21.6	22.9	0.7
		4	O	-			21.7	29.25	0.03	17.9	18.6	0.1
1959												
1/26	1058				3	$7\frac{1}{2}$						
		1	O	-			14.0	24.81	0.03	23.3	25.0	0.2
		2	O	-			14.0	25.35	0.03	21.7	23.8	0.7
		3	O	-			14.0	26.04	0.03	18.2	23.0	0.4
		4	O	-			14.0	26.71	0.02	19.5	19.5	0.3
2/19	0941				7	$7\frac{1}{2}$						
		1	O	-			22.2	25.66	0.03	23.2	26.6	0.2
		2	O	-			22.2	25.72	0.03	19.9	24.3	0.5
		3	O	-			22.2	25.88	0.02	21.2	22.7	0.1
		4	O	-			22.2	25.93	0.02	-	20.0	0.1
3/24	0831				4	$4\frac{1}{2}$						
		1	O	-			19.2	15.93	0.04	29.6	33.2	0.9
		2	O	-			18.8	17.23	0.04	23.6	26.6	1.0
		3	O	-			18.7	19.81	0.04	23.2	27.6	1.3
		4	O	-			18.6	21.24	0.03	22.9	25.6	0.6
4/19	0846				0	7						
		1	O	-			23.5	18.73	0.02	23.6	31.2	0.5
		2	O	-			23.6	18.91	0.03	21.9	23.5	0.7
		3	O	-			23.6	20.26	0.02	20.9	23.8	0.8
		4	O	-			23.5	21.31	0.03	21.9	24.8	0.2

STATION 3 (Cont'd)

Date	Time	Depth	G. breve		CA	Tr.	°C.	Sal.	Cu.	PO_4		NO_3-NO_2
			C.	M.						In.	Tot.	
5/14	1335				9	10						
		1	O	-			27.4	25.73	0.03	16.4	16.7	0.1
		2	O	-			27.3	25.19	0.02	17.7	17.8	0.1
		3	O	-			27.2	25.64	0.02	-	16.8	0.4
		4	O	-			27.0	25.97	0.02	16.6	17.1	0.3
6/9	1040				7	$6\frac{1}{2}$						
		1	O	-			28.8	24.47	0.06	21.1	23.3	0.2
		2	O	-			28.9	24.65	0.06	19.3	19.3	0.4
		3	O	-			29.0	25.75	0.05	18.3	21.1	0.3
		4	O	-			28.9	26.26	0.06	17.3	20.9	0.3
7/6	1010				2	7						
		1	O	-			29.8	22.54	0.06	22.3	23.4	0.0
		2	O	-			29.8	22.99	0.03	18.1	20.5	0.3
		3	O	-			29.9	23.66	0.04	16.3	21.4	0.2
		4	O	-			29.9	24.09	0.04	16.0	21.3	0.2
8/20	0749				4	4						
		1	O	-			28.0	16.58	0.03	18.5	24.8	0.2
		2	O	-			28.2	17.34	0.02	18.2	24.4	0.9
		3	O	-			28.4	18.12	0.02	18.5	24.4	0.7
		4	O	-			28.4	19.90	0.03	19.1	23.6	0.4
9/14	1117				4	8						
		1	O	-			29.0	21.37	0.04	18.0	18.0	0.2
		2	P	0.0			28.8	22.94	0.03	15.2	16.4	0.2
		3	O	-			28.8	24.02	0.02	14.4	16.6	0.2
		4	O	-			28.7	24.33	0.01	13.1	15.9	0.1
10/14	1038				6	6						
		1	P	34			28.2	25.79	0.02	15.1	15.1	0.2
		2	P	30			28.2	26.15	0.02	15.5	15.6	0.1
		3	P	36			28.2	26.20	0.02	15.3	16.1	0.2
		4	P	32			28.2	26.20	0.02	15.5	16.1	0.2
11/5	1114				3	7						
		1	O	-			25.3	19.16	0.02	23.8	23.8	0.1
		2	O	-			25.1	20.34	0.02	21.9	22.6	0.2
		3	O	-			25.2	22.56	0.02	19.0	20.1	0.2
		4	O	-			25.4	23.24	0.02	18.4	20.2	0.1
12/16	1332				6	$9\frac{1}{2}$						
		1	O	-			17.1	24.72	0.02	19.8	22.8	0.2
		2	O	-			16.9	25.44	0.03	17.4	21.1	0.2
		3	O	-			16.9	25.75	0.03	18.2	20.4	0.3
		4	O	-			16.9	25.75	0.02	17.3	20.3	0.5

STATION 4 Depth of 16 feet 27°41.3' N. 82°32.9' W.

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958												
10/9	1057				0	"						
		1	"	"			27.4	29.54	0.08	19.7	20.1	1.0
		2	"	"			27.4	29.47	0.05	18.3	20.1	0.2
		3	"	"			27.4	29.47	0.04	18.4	19.2	0.2
		4	"	"			27.5	29.47	0.04	18.3	21.0	0.2
11/6	1013				7	"						
		1	"	"			22.3	29.81	0.02	15.8	16.6	0.1
		2	"	"			22.3	29.83	0.02	15.1	15.5	0.1
		3	"	"			22.4	29.94	0.02	16.2	16.7	0.9
		4	"	"			22.4	29.94	0.02	14.8	16.0	0.2
12/2	1008				3	$3\frac{1}{2}$						
		1	"	"			21.2	27.68	0.03	23.1	25.0	0.2
		2	"	"			21.2	27.63	0.03	23.5	25.2	0.2
		3	"	"			21.1	27.57	0.03	23.4	25.2	0.2
		4	"	"			21.2	27.57	0.03	22.6	23.5	0.1
1959												
1/26	1114				3	$7\frac{1}{2}$						
		1	"	"			14.1	24.69	0.03	25.0	25.3	0.2
		2	"	"			14.0	25.08	0.03	21.0	23.3	0.3
		3	"	"			14.0	25.37	0.03	18.8	20.0	0.4
		4	"	"			14.1	25.93	0.03	17.8	21.7	0.3
2/19	0955				7	7						
		1	"	"			22.3	26.69	0.04	19.1	21.8	0.1
		2	"	"			22.3	26.69	0.02	19.1	23.4	0.1
		3	"	"			22.3	26.78	0.02	19.0	25.3	0.1
		4	"	"			22.2	26.76	0.03	20.8	25.3	0.2
3/24	0848				4	4						
		1	"	"			19.6	14.31	0.03	25.8	27.1	0.4
		2	"	"			19.1	15.21	0.03	25.7	29.7	0.9
		3	"	"			19.0	17.85	0.03	23.2	25.6	0.7
		4	"	"			19.0	18.10	0.03	23.2	24.9	0.7
4/9	0904				0	8						
		1	"	"			23.6	20.50	0.02	20.3	25.1	0.4
		2	"	"			23.5	20.21	0.02	21.2	23.8	0.5
		3	"	"			23.5	20.28	0.02	20.4	22.0	0.4
		4	"	"			23.5	20.61	0.03	20.1	26.7	0.5
5/14	1317				9	9						
		1	"	"			27.4	25.77	0.03	17.9	19.0	0.1
		2	"	"			27.4	25.72	0.07	16.8	20.0	1.9
		3	"	"			27.4	25.70	0.03	"	16.8	2.4
		4	"	"			27.4	25.70	0.03	"	16.2	0.2

STATION 4 (Cont'd)

Date	Time	Depth	G. breve		CA	Tr.	°C.	Sal.	Cu.	PO_4		NO_3-
			C.	M.						In.	Tot.	NO_2
6/9	1054				7	7½						
		1	-	-			29.0	24.16	0.06	21.6	22.4	0.9
		2	-	-			29.0	24.56	0.05	19.3	21.8	0.4
		3	-	-			29.0	25.01	0.07	16.6	20.1	0.4
		4	-	-			29.1	25.34	0.03	12.5	19.3	0.2
7/6	1028				2	7½						
		1	-	-			29.8	22.83	0.03	22.0	23.9	0.1
		2	-	-			29.8	22.83	0.05	18.4	18.4	0.2
		3	-	-			29.8	22.83	0.04	19.0	24.4	0.2
		4	-	-			29.8	22.85	0.02	21.0	23.8	0.1
8/20	0802				4	2½						
		1	-	-			28.0	17.63	0.04	20.8	26.8	0.7
		2	-	-			28.0	17.52	0.03	19.0	22.4	0.6
		3	-	-			28.0	17.52	0.04	19.9	22.7	0.3
		4	-	-			28.1	17.61	0.04	16.3	25.4	0.3
9/14	1135				4	5½						
		1	-	-			29.3	22.99	0.03	14.5	18.7	0.2
		2	-	-			29.3	23.15	0.02	16.0	16.2	0.0
		3	-	-			29.3	23.13	0.02	14.4	17.3	0.2
		4	-	-			29.2	23.31	0.03	15.2	17.3	0.1
10/14	1057				6	5½						
		1	-	-			28.2	25.77	0.00	16.2	17.4	0.2
		2	-	-			28.2	25.77	0.01	16.0	16.0	0.6
		3	-	-			28.2	25.73	0.01	16.5	18.5	0.3
		4	-	-			28.2	25.77	0.02	16.0	18.4	0.3
11/5	1134				3	7						
		1	-	-			25.2	20.79	0.02	22.2	22.2	0.1
		2	-	-			24.8	20.79	0.02	22.2	22.5	0.1
		3	-	-			24.4	20.88	0.02	22.2	27.7	0.2
		4	-	-			24.4	21.51	0.02	20.9	21.0	0.3
12/16	1310				6	10						
		1	-	-			17.0	25.70	0.01	19.0	20.3	0.6
		2	-	-			17.0	25.75	0.01	18.0	19.0	0.4
		3	-	-			17.1	25.84	0.02	16.3	20.0	0.2
		4	-	-			17.2	25.84	0.02	15.8	23.1	0.2

STATION 5 Depth of 28 feet 27°36.6' N. 82°43.8' W.

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958												
10/6	1129				4	-						
		1	-	-			29.8	30.53	-	15.4	15.8	0.3
		2	-	-			28.2	30.95	-	12.1	13.7	0.1
		3	-	-			28.3	31.98	-	10.1	10.8	0.4
		4	-	-			28.4	32.32	-	8.5	9.4	0.7
11/5	1017				7	-						
		1	-	-			21.5	32.57	-	3.1	4.0	0.4
		2	-	-			21.6	32.48	-	1.2	4.0	0.6
		3	-	-			21.6	32.47	-	2.9	8.2	0.3
		4	-	-			21.7	32.50	-	3.1	4.2	0.7
12/2	1059				3	$4\frac{1}{2}$						
		1	-	-			20.9	30.64	-	13.0	14.9	0.2
		2	-	-			20.9	30.64	-	12.5	15.6	2.4
		3	-	-			20.9	30.99	-	10.4	12.5	1.2
		4	-	-			20.8	32.10	-	10.3	12.1	0.1
1959												
1/26	1441				9	7						
		1	-	-			14.7	30.84	-	5.0	5.6	0.3
		2	-	-			14.2	30.79	-	4.7	5.4	0.4
		3	-	-			14.2	30.90	-	4.2	5.0	0.4
		4	-	-			14.1	30.97	-	4.4	5.4	0.3
2/19	1052				1	5						
		1	-	-			21.7	31.78	-	4.9	5.6	0.3
		2	-	-			21.7	31.89	-	4.0	5.1	0.3
		3	-	-			21.7	32.36	-	3.0	4.3	0.2
		4	-	-			21.7	32.54	-	3.4	4.0	0.4
3/23	0934				7	$2\frac{1}{2}$						
		1	-	-			18.3	27.27	-	14.4	15.6	0.1
		2	-	-			18.2	27.52	-	13.3	17.2	0.2
		3	-	-			18.1	27.52	-	13.8	19.7	0.4
		4	-	-			18.0	27.61	-	14.1	18.9	0.1
4/8	0912				0	11						
		1	-	-			22.8	26.18	-	11.4	13.5	0.1
		2	-	-			22.7	26.40	-	11.7	13.8	0.2
		3	-	-			22.7	26.64	-	10.0	13.0	0.2
		4	-	-			22.8	28.59	-	8.0	10.7	0.1
5/14	1048				5	10						
		1	-	-			26.9	32.20	-	6.4	6.5	0.3
		2	-	-			26.8	32.20	-	5.7	5.8	0.1
		3	-	-			26.6	32.21	-	5.7	6.0	1.8
		4	-	-			26.6	32.72	-	4.8	5.9	0.2

STATION 5 (Cont'd)

Date	Time	Depth	G. breve		CA	Tr.	°C.	Sal.	Cu.	PO_4		NO_3-NO_2
			C.	M.						In.	Tot.	
6/8	1035				7	8						
		1	-	-			28.7	32.12	-	6.9	7.6	0.4
		2	-	-			28.7	32.95	-	5.7	7.3	0.1
		3	-	-			28.6	32.65	-	5.5	6.7	0.1
		4	-	-			28.6	32.92	-	5.2	5.6	0.3
7/6	1127				2	6						
		1	-	-			29.9	30.39	-	7.4	8.9	0.2
		2	-	-			29.9	30.82	-	-	6.5	0.2
		3	-	-			29.8	31.64	-	4.8	7.7	0.1
		4	-	-			29.9	32.14	-	5.4	8.1	0.2
8/18	0850				6	10						
		1	-	-			28.2	25.86	-	10.6	11.4	0.3
		2	-	-			28.5	26.40	-	8.2	9.9	0.5
		3	-	-			28.7	28.12	-	7.1	8.2	0.7
		4	-	-			28.7	28.55	-	6.5	6.8	1.0
9/9	1056				0	9						
		1	-	-			29.5	23.59	-	15.5	16.4	0.1
		2	-	-			29.2	25.39	-	9.4	12.7	0.4
		3	-	-			29.2	27.56	-	8.7	9.4	0.1
		4	-	-			29.3	28.95	-	7.7	8.8	0.4
10/15	1030				0	$6\frac{1}{2}$						
		1	-	-			28.1	30.84	-	7.3	8.4	0.1
		2	-	-			28.1	31.08	-	7.1	8.1	0.4
		3	-	-			28.2	31.51	-	5.8	7.3	0.1
		4	-	-			28.2	32.29	-	4.8	5.8	0.6
11/9	1018				7	$9\frac{1}{2}$						
		1	-	-			22.5	28.48	-	8.5	11.9	0.0
		2	-	-			22.8	30.66	-	5.8	5.8	0.1
		3	-	-			22.5	32.18	-	3.7	3.8	0.1
		4	-	-			23.3	32.52	-	3.7	4.8	0.2
12/16	0903				9	5						
		1	-	-			15.6	28.35	-	5.6	10.9	0.6
		2	-	-			15.5	28.77	-	5.4	10.3	0.2
		3	-	-			15.5	29.02	-	8.1	10.3	0.3
		4	-	-			15.5	29.27	-	-	8.4	1.4

STATION 6 Depth of 27 feet 27°35.8' N. 82°43.6' W.

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958												
10/6	1143				4	-						
		1	-	-			28.3	31.18	-	13.5	13.7	0.1
		2	-	-			28.3	31.15	-	12.6	12.8	0.0
		3	-	-			28.4	31.98	-	9.8	10.3	0.2
		4	-	-			28.4	32.25	-	8.9	9.5	0.8
11/5	1031				7	-						
		1	-	-			21.5	32.59	-	3.2	4.3	0.5
		2	-	-			21.5	32.63	-	3.0	3.9	0.2
		3	-	-			21.5	32.75	-	2.7	-	0.7
		4	-	-			21.7	32.72	-	2.7	3.8	0.8
12/2	1110				3	6						
		1	-	-			21.5	32.23	-	6.3	6.7	0.0
		2	-	-			21.5	32.14	-	6.1	6.7	1.7
		3	-	-			21.3	32.21	-	6.3	7.1	0.2
		4	-	-			21.3	32.18	-	5.9	7.4	0.7
1959												
1/26	1520				9	8						
		1	-	-			14.4	31.15	-	3.4	3.7	0.3
		2	-	-			14.0	31.29	-	2.7	3.5	0.4
		3	-	-			14.0	31.33	-	3.1	3.4	0.2
		4	-	-			14.0	31.38	-	2.8	3.6	0.3
2/19	1107				1	10						
		1	-	-			21.8	31.74	-	4.5	5.2	0.2
		2	-	-			21.8	31.89	-	4.1	4.8	0.2
		3	-	-			21.9	31.91	-	3.6	4.6	0.1
		4	-	-			21.9	31.96	-	3.8	5.0	0.3
3/23	0937				7	7						
		1	-	-			18.0	26.64	-	15.9	17.9	0.1
		2	-	-			17.8	26.73	-	15.0	16.6	1.0
		3	-	-			17.9	27.18	-	13.7	14.7	0.9
		4	-	-			17.9	27.38	-	11.8	14.2	0.2
4/8	0923				0	11						
		1	-	-			23.0	26.76	-	9.3	13.1	0.1
		2	-	-			22.9	26.91	-	9.9	12.5	0.2
		3	-	-			22.8	27.88	-	8.5	11.2	0.1
		4	-	-			22.8	29.04	-	7.7	9.3	0.1
5/14	1100				5	10						
		1	-	-			26.6	33.03	-	4.3	6.1	0.3
		2	-	-			26.6	32.94	-	4.1	4.9	0.2
		3	-	-			26.5	33.01	-	4.1	4.8	0.2
		4	-	-			26.5	33.35	-	3.4	4.3	0.1

STATION 6 (Cont'd)

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
6/8	1048				7	9½						
		1	-	-			28.6	32.61	-	5.5	6.1	0.1
		2	-	-			28.5	32.70	-	4.5	5.6	0.1
		3	-	-			28.5	33.13	-	3.7	4.9	0.1
		4	-	-			28.5	33.68	-	3.7	4.1	0.2
7/6	1140				2	8						
		1	-	-			29.8	31.56	-	5.3	6.8	0.1
		2	-	-			29.8	32.43	-	4.7	5.8	0.2
		3	-	-			29.8	32.70	-	3.7	5.5	0.2
		4	-	-			29.8	33.03	-	3.3	4.7	0.4
8/18	0905				6	10						
		1	-	-			28.8	27.09	-	6.1	6.7	0.7
		2	-	-			29.0	27.14	-	5.1	6.1	0.7
		3	-	-			29.4	28.42	-	4.6	4.8	0.5
		4	-	-			29.4	29.31	-	3.9	5.1	1.1
9/9	1109				0	13½						
		1	-	-			29.2	23.35	-	14.9	16.9	0.3
		2	-	-			29.1	25.66	-	7.7	10.2	0.3
		3	-	-			29.3	28.75	-	7.1	8.0	0.3
		4	-	-			29.3	30.55	-	4.8	5.4	0.5
10/15	1042				0	7½						
		1	-	-			28.2	31.29	-	6.1	7.6	0.3
		2	-	-			28.1	31.55	-	5.4	6.3	0.2
		3	-	-			28.1	32.68	-	4.0	5.3	0.2
		4	-	-			28.1	32.72	-	4.2	5.6	0.2
11/9	1029				7	10						
		1	-	-			22.7	28.30	-	11.2	12.4	0.2
		2	-	-			22.7	28.44	-	11.4	11.4	0.1
		3	-	-			23.3	32.09	-	4.3	4.9	0.1
		4	-	-			23.4	32.52	-	3.4	4.0	0.3
12/16	0915				9	8						
		1	-	-			15.5	29.27	-	-	9.0	0.6
		2	-	-			15.5	29.31	-	7.6	8.5	0.0
		3	-	-			15.5	29.31	-	7.3	8.4	0.2
		4	-	-			15.5	29.61	-	6.7	7.7	0.2

STATION 7 Depth of 25 feet 27°35.1' N. 82°43.5' W.

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958												
10/6	1153				4	-						
		1	P	0.0			28.4	32.57	0.03	7.9	8.0	0.3
		2	P	0.0			28.4	32.54	0.03	7.9	8.1	0.3
		3	O	-			28.3	32.66	0.03	7.4	7.9	0.2
		4	P	0.0			28.3	32.57	0.04	7.3	8.2	0.4
11/5	1042				7	-						
		1	O	-			21.3	32.47	0.03	4.1	5.5	2.0
		2	O	-			21.4	32.52	0.05	4.2	5.2	0.2
		3	O	-			21.4	32.41	0.06	3.9	5.1	0.6
		4	O	-			21.4	32.50	0.06	3.6	5.0	0.3
12/2	1121				3	7						
		1	P	0.0			21.5	32.14	0.03	6.4	7.6	1.0
		2	P	0.0			21.5	32.10	0.04	6.4	7.4	0.0
		3	O	-			21.3	32.10	0.03	6.1	7.0	0.3
		4	O	-			21.3	32.18	0.03	5.8	6.8	2.7
1959												
1/26	1531				9	9						
		1	O	-			14.0	31.40	0.02	3.1	3.2	0.3
		2	O	-			14.0	31.38	0.01	2.9	3.3	0.3
		3	O	-			14.0	31.33	0.01	2.9	3.3	0.4
		4	O	-			14.0	31.33	0.01	3.0	3.5	0.2
2/19	1116				0	13						
		1	O	-			22.0	31.38	0.02	5.6	6.5	0.5
		2	O	-			21.9	31.33	0.02	5.2	6.4	0.1
		3	O	-			21.9	31.47	0.02	5.0	5.7	0.3
		4	O	-			22.0	32.03	0.02	4.1	5.2	0.2
3/23	0948				7	7						
		1	O	-			18.1	25.75	0.03	9.8	11.9	0.2
		2	O	-			17.9	27.21	0.03	9.6	10.6	0.1
		3	O	-			17.9	27.21	0.02	8.8	10.7	0.1
		4	O	-			17.9	27.83	0.02	9.0	10.9	0.1
4/8	0937				0	$11\frac{1}{2}$						
		1	P	0.0			23.0	27.48	0.02	8.4	10.6	0.1
		2	O	-			23.0	27.56	0.01	6.0	10.1	0.1
		3	O	-			23.9	27.65	0.02	5.9	10.2	0.1
		4	O	-			22.8	28.08	0.02	8.0	9.6	0.1
5/14	1113				5	$10\frac{1}{2}$						
		1	O	-			26.8	33.26	0.03	3.1	3.1	0.1
		2	O	-			26.8	33.26	0.03	3.6	4.1	0.2
		3	O	-			26.6	33.44	0.03	3.5	4.4	0.3
		4	O	-			27.0	33.62	0.03	3.3	4.3	0.3

STATION 7 (Cont'd)

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
6/8	1057				7	12						
		1	O	-			28.7	32.68	0.06	4.8	6.0	0.3
		2	O	-			28.6	32.81	0.05	4.9	5.6	0.3
		3	O	-			28.4	32.83	0.03	4.8	5.5	0.2
		4	O	-			28.2	33.13	0.03	4.0	4.8	0.2
7/6	1153				2	8						
		1	O	-			29.8	31.80	0.03	5.2	6.1	0.1
		2	O	-			29.8	32.14	0.03	5.1	6.5	0.2
		3	O	-			29.8	32.25	0.03	4.9	5.5	0.2
		4	O	-			29.8	32.41	0.03	4.3	7.0	0.1
8/18	0918				6	9						
		1	P	0.1			28.4	27.48	0.02	4.7	5.0	0.4
		2	P	0.1			28.5	27.63	0.02	4.0	5.4	0.5
		3	P	0.0			28.5	27.92	0.02	3.8	5.3	1.1
		4	P	0.0			28.8	28.96	0.03	3.8	4.8	0.6
9/9	1122				0	9						
		1	O	-			29.9	25.16	0.02	10.7	11.8	0.2
		2	O	-			29.3	26.94	0.01	7.2	8.6	0.3
		3	P	0.0			29.4	28.66	0.02	6.1	7.2	0.3
		4	O	-			29.4	29.97	0.04	5.5	6.5	0.4
10/15	1055				0	7						
		1	P	40			28.2	31.62	0.03	5.1	6.5	0.4
		2	P	52			28.1	32.48	0.03	4.2	5.5	0.2
		3	P	64			28.2	32.97	0.03	3.4	4.5	0.5
		4	P	50			28.2	33.06	0.03	3.1	4.5	0.2
11/9	1041				6	$11\frac{1}{2}$						
		1	P	6.4			22.6	27.88	0.04	11.3	12.2	0.0
		2	P	26			22.9	27.99	0.05	11.6	11.6	0.1
		3	P	6.0			23.5	31.82	0.03	4.8	4.9	0.3
		4	P	1.0			23.7	32.61	0.03	3.2	3.8	0.7
12/16	0928				8	8						
		1	O	-			15.6	29.88	0.02	5.7	7.7	0.1
		2	O	-			15.6	29.83	0.03	6.4	6.5	0.1
		3	O	-			15.6	29.97	0.04	5.7	6.3	0.1
		4	P	0.0			15.6	30.17	0.04	4.1	5.8	1.2

STATION 8 Depth of 21 feet 27°34.4' N. 82°43.4' W.

Date	Time	Depth	G. breve		CA	Tr.	°C.	Sal.	Cu.	PO_4		NO_3-NO_2
			C.	M.						In.	Tot.	
1958												
10/6	1209				4	-						
		1	P	0.1			28.1	31.31	0.05	12.3	12.3	0.4
		2	P	0.0			28.1	31.26	0.03	11.7	11.7	0.2
		3	P	0.1			28.0	31.31	0.02	11.7	11.7	0.1
		4	O	-			28.0	31.33	0.03	11.6	11.6	0.2
11/5	1056				7	-						
		1	O	-			21.3	32.50	0.05	5.1	6.2	1.2
		2	P	0.0			21.3	32.54	0.06	4.8	5.9	0.4
		3	O	-			21.4	32.50	0.07	4.5	5.9	0.3
		4	O	-			21.5	32.65	0.06	4.2	5.5	0.4
12/2	1136				3	9						
		1	O	-			21.4	31.51	0.03	9.0	10.1	3.6
		2	O	-			21.5	31.47	0.03	8.9	9.8	0.0
		3	O	-			21.3	31.51	0.03	8.5	9.5	0.3
		4	O	-			21.2	31.53	0.05	8.6	9.9	0.2
1959												
1/26	1546				3	9						
		1	O	-			14.5	30.97	0.02	3.9	4.2	0.3
		2	O	-			14.4	31.00	0.02	3.8	4.4	0.3
		3	O	-			14.4	30.99	0.01	3.9	4.7	0.3
		4	O	-			14.4	30.97	0.02	3.9	4.4	0.7
2/19	1130				0	$12\frac{1}{2}$						
		1	O	-			22.0	31.38	0.02	5.8	6.3	0.1
		2	O	-			21.9	31.29	0.02	5.2	6.0	0.2
		3	O	-			21.9	31.56	0.01	4.3	4.7	0.1
		4	O	-			21.9	32.03	0.00	3.4	4.4	0.2
3/23	1004				7	6						
		1	O	-			18.1	27.16	0.02	9.0	10.0	0.5
		2	O	-			18.1	27.36	0.01	8.3	9.9	0.5
		3	O	-			18.1	28.01	0.01	8.1	9.9	0.9
		4	O	-			18.1	28.12	0.01	8.3	9.7	0.1
4/8	0957				0	13						
		1	P	0.0			23.0	29.07	0.02	7.1	8.3	0.1
		2	P	0.0			23.0	29.07	0.02	7.1	8.1	0.1
		3	O	-			23.0	29.13	0.00	7.0	8.0	0.1
		4	O	-			23.0	29.13	0.00	7.0	8.0	0.1
5/14	1132				5	10						
		1	O	-			27.1	33.01	0.03	4.3	5.1	0.1
		2	O	-			27.0	33.01	0.03	3.8	4.4	0.1
		3	P	0.0			27.0	33.10	0.03	2.9	6.4	0.3
		4	P	0.1			27.0	33.69	0.03	2.1	3.2	0.1

STATION 8 (Cont'd)

Date	Time	Depth	G. breve		CA	Tr.	°C.	Sal.	Cu.	PO_4		NO_3-NO_2
			C.	M.						In.	Tot.	
6/8	1112				7	11						
		1	O	-			28.6	32.54	0.03	5.7	6.1	0.1
		2	O	-			28.2	32.57	0.03	5.1	5.9	0.4
		3	O	-			27.9	33.57	0.04	3.7	4.7	0.5
		4	O	-			28.0	33.95	0.03	2.6	3.1	0.2
7/6	1210				2	7						
		1	O	-			30.5	32.70	0.04	4.2	4.8	0.1
		2	O	-			29.8	32.52	0.02	4.0	5.3	0.2
		3	O	-			29.8	33.51	0.05	2.9	4.4	0.2
		4	O	-			29.8	34.16	0.04	-	4.0	0.3
8/18	0938				6	11						
		1	P	0.1			28.7	29.52	0.02	3.0	3.3	0.7
		2	P	0.2			28.7	29.54	0.02	2.6	3.4	0.9
		3	P	0.2			28.7	29.52	0.02	3.1	3.6	0.1
		4	P	0.3			28.7	29.58	0.02	2.7	3.2	0.8
9/9	1134				0	9						
		1	O	-			29.8	26.76	0.01	8.6	10.3	0.3
		2	O	-			29.4	27.66	0.00	6.9	8.4	0.3
		3	O	-			29.5	28.01	0.03	-	8.1	0.1
		4	O	-			29.6	29.07	0.03	4.8	7.6	0.4
10/15	1112				0	$7\frac{1}{2}$						
		1	P	110			28.3	34.42	0.03	1.0	2.1	0.4
		2	P	100			28.3	34.42	0.03	1.1	2.0	0.3
		3	P	30			28.3	34.40	0.04	1.1	2.0	0.0
		4	P	50			28.3	34.33	0.03	1.1	2.0	0.4
11/9	1052				6	12						
		1	P	20			22.8	27.65	0.03	11.1	12.7	0.0
		2	P	20			22.9	27.72	0.03	11.8	12.9	0.0
		3	P	0.0			23.0	27.95	0.02	11.6	12.2	0.1
		4	P	0.5			23.6	30.90	0.02	6.2	6.8	0.2
12/16	0937				8	8						
		1	O	-			15.8	29.97	0.03	5.8	6.7	0.3
		2	O	-			15.7	29.90	0.03	-	5.2	0.2
		3	O	-			15.6	30.07	0.03	4.4	6.5	0.1
		4	O	-			15.6	30.25	0.03	5.0	5.5	0.9

STATION 9 Depth of 16 feet 27°33.7' N. 82°43.4' W.

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958												
10/6	1234				4	-						
		1	-	-			28.1	32.01	-	9.3	10.3	0.3
		2	-	-			28.1	32.18	-	9.1	9.5	0.3
		3	-	-			28.0	31.98	-	9.1	9.3	0.2
		4	-	-			28.0	32.14	-	11.9	13.2	0.3
11/5	1110				7	-						
		1	-	-			21.3	32.38	-	4.1	5.3	0.4
		2	-	-			21.4	32.27	-	4.0	4.5	0.6
		3	-	-			21.4	32.34	-	3.9	4.5	0.4
		4	-	-			21.5	32.38	-	3.9	5.0	0.6
12/2	1151				3	6						
		1	-	-			21.4	31.87	-	7.6	8.5	0.2
		2	-	-			21.4	31.87	-	7.8	8.6	1.6
		3	-	-			21.3	31.87	-	7.6	8.8	0.7
		4	-	-			21.4	31.89	-	7.9	8.6	0.1
1959												
1/26	1559				3	10						
		1	-	-			14.6	30.19	-	5.8	6.6	0.3
		2	-	-			14.5	30.44	-	4.9	5.4	0.3
		3	-	-			14.4	30.59	-	4.9	5.5	0.4
		4	-	-			14.5	30.61	-	4.1	4.6	0.3
2/19	1144				0	$7\frac{1}{2}$						
		1	-	-			22.1	32.97	-	1.8	2.9	0.0
		2	-	-			22.0	32.86	-	2.0	2.8	0.5
		3	-	-			22.0	32.77	-	1.9	2.8	0.2
		4	-	-			22.0	32.79	-	2.0	2.8	0.4
3/23	1019				7	6						
		1	-	-			18.4	27.81	-	7.9	9.9	0.1
		2	-	-			18.2	26.46	-	8.4	10.5	0.2
		3	-	-			18.1	26.27	-	8.4	10.7	0.2
		4	-	-			18.1	27.45	-	8.1	9.8	0.2
4/8	1012				0	13						
		1	-	-			23.4	27.54	-	7.5	9.4	0.1
		2	-	-			23.3	27.70	-	7.4	9.1	0.1
		3	-	-			23.1	27.95	-	7.3	8.5	0.1
		4	-	-			23.1	28.31	-	6.8	8.0	0.1
5/14	1148				5	$6\frac{1}{2}$						
		1	-	-			27.2	33.93	-	2.4	3.2	0.1
		2	-	-			27.2	33.96	-	2.3	3.5	0.7
		3	-	-			27.1	34.00	-	2.3	3.6	0.2
		4	-	-			26.9	33.96	-	2.3	3.4	0.4

STATION 9 (Cont'd)

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
6/8	1128				7	10						
		1	-	-			28.9	31.73	-	5.6	7.1	0.1
		2	-	-			28.4	31.91	-	6.2	6.7	0.1
		3	-	-			28.0	32.57	-	4.0	5.1	0.8
		4	-	-			28.2	34.02	-	3.5	3.6	0.3
7/6	1230				2	8						
		1	-	-			29.8	31.69	-	4.8	6.6	0.1
		2	-	-			29.8	32.05	-	4.9	6.1	0.1
		3	-	-			29.8	32.57	-	4.1	5.8	0.2
		4	-	-			29.8	33.21	-	3.5	5.1	0.2
8/18	0955				4	10						
		1	-	-			28.6	29.29	-	2.8	3.2	0.5
		2	-	-			28.7	29.70	-	2.1	3.5	0.4
		3	-	-			28.7	29.70	-	2.4	3.1	0.8
		4	-	-			28.7	29.78	-	2.2	3.3	0.3
9/9	1153				0	8						
		1	-	-			31.6	20.34	-	8.8	10.2	0.1
		2	-	-			29.7	25.62	-	9.1	9.4	0.4
		3	-	-			29.1	26.13	-	8.6	10.5	0.4
		4	-	-			29.6	27.74	-	6.4	7.5	0.3
10/15	1125				0	7						
		1	-	-			28.4	34.05	-	1.7	2.5	0.2
		2	-	-			28.4	33.98	-	1.7	2.8	0.2
		3	-	-			28.3	34.05	-	1.7	2.8	0.2
		4	-	-			28.3	34.09	-	1.7	2.7	0.1
11/9	1105				6	10						
		1	-	-			22.8	27.01	-	12.7	12.7	0.1
		2	-	-			22.9	27.11	-	12.4	12.5	0.0
		3	-	-			23.0	27.11	-	13.4	14.0	0.1
		4	-	-			23.0	27.30	-	12.1	12.2	0.3
12/16	0950				7	$8\frac{1}{2}$						
		1	-	-			16.8	27.88	-	8.5	9.8	0.5
		2	-	-			16.4	29.54	-	6.9	7.6	0.4
		3	-	-			16.4	29.76	-	5.9	7.4	0.2
		4	-	-			16.4	29.88	-	5.5	7.2	0.2

STATION 10 Depth of 16 feet 27°33.8' N. 82°44.2' W.

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958												
10/6	1246				4	-						
		1	-	-			28.2	32.03	-	9.1	9.3	0.1
		2	-	-			28.2	32.03	-	8.7	8.9	0.3
		3	-	-			28.1	32.18	-	8.8	10.6	0.2
		4	-	-			28.1	32.23	-	8.7	9.4	0.0
11/5	1127				7	-						
		1	-	-			21.5	32.63	-	3.8	4.9	0.3
		2	-	-			21.6	32.74	-	3.8	4.5	0.5
		3	-	-			21.6	32.72	-	3.4	4.5	0.4
		4	-	-			21.6	32.79	-	3.5	4.2	0.4
12/2	1205				3	5						
		1	-	-			21.5	32.03	-	7.5	8.7	0.6
		2	-	-			21.4	32.00	-	7.5	9.0	0.1
		3	-	-			21.5	32.03	-	7.4	9.3	0.4
		4	-	-			21.4	32.03	-	7.7	9.6	0.7
1959												
1/26	1610				3	9						
		1	-	-			15.0	30.25	-	5.7	6.3	0.3
		2	-	-			14.7	30.44	-	5.0	5.5	0.5
		3	-	-			14.5	30.66	-	3.6	4.2	0.3
		4	-	-			14.5	32.10	-	2.6	3.1	0.5
2/19	1153				0	10						
		1	-	-			21.9	32.74	-	2.1	3.1	0.0
		2	-	-			21.9	32.77	-	2.0	3.1	0.2
		3	-	-			21.9	32.77	-	2.0	2.5	0.6
		4	-	-			21.9	32.75	-	1.9	2.6	0.0
3/23	1030				7	$5\frac{1}{2}$						
		1	-	-			18.3	28.96	-	6.6	8.1	0.2
		2	-	-			18.2	28.86	-	6.9	8.2	0.5
		3	-	-			18.3	28.89	-	6.8	8.5	0.1
		4	-	-			18.3	28.96	-	6.3	8.6	0.6
4/8	1025				0	11						
		1	-	-			23.1	29.69	-	6.2	6.7	0.0
		2	-	-			22.6	29.78	-	6.0	6.3	0.1
		3	-	-			22.4	30.48	-	4.2	5.3	0.0
		4	-	-			22.5	31.35	-	3.4	4.5	0.1
5/14	1158				6	$6\frac{1}{2}$						
		1	-	-			27.0	34.25	-	1.9	4.4	1.8
		2	-	-			27.0	34.22	-	1.8	3.0	0.2
		3	-	-			27.0	34.23	-	2.0	3.6	2.3
		4	-	-			26.8	34.34	-	2.0	4.5	0.7

STATION 10 (Cont'd)

Date	Time	Depth	G. breve		CA	Tr.	°C.	Sal.	Cu.	PO_4		NO_3- NO_2
			C.	M.						In.	Tot.	
6/8	1140				7	9						
		1	-	-			28.3	33.31	-	4.0	4.6	0.2
		2	-	-			28.1	33.66	-	3.0	3.8	0.2
		3	-	-			28.0	33.77	-	3.0	3.5	0.2
		4	-	-			28.1	34.05	-	2.3	3.3	0.4
7/6	1243				2	7						
		1	-	-			30.2	31.02	-	5.1	6.5	0.2
		2	-	-			30.3	31.56	-	-	5.2	0.2
		3	-	-			30.3	33.26	-	3.5	4.7	0.2
		4	-	-			30.3	33.84	-	2.7	4.0	0.1
8/18	1007				4	12½						
		1	-	-			29.0	30.55	-	1.6	1.7	1.0
		2	-	-			29.0	30.73	-	1.5	2.0	0.5
		3	-	-			28.9	30.73	-	1.1	1.8	0.5
		4	-	-			28.9	30.73	-	1.3	1.7	0.4
9/9	1207				0	9						
		1	-	-			29.2	25.66	-	9.4	10.9	0.3
		2	-	-			29.1	25.77	-	8.8	9.7	0.3
		3	-	-			29.4	26.09	-	8.1	8.9	0.4
		4	-	-			29.5	27.27	-	6.9	8.5	0.2
10/15	1139				0	9						
		1	-	-			28.6	34.45	-	0.6	1.5	0.2
		2	-	-			28.6	34.40	-	0.7	1.4	0.2
		3	-	-			28.5	34.40	-	0.6	1.4	0.1
		4	-	-			28.5	34.49	-	0.7	1.5	0.0
11/9	1117				6	10						
		1	-	-			23.0	27.61	-	11.7	12.3	0.0
		2	-	-			23.0	27.61	-	10.5	12.4	0.2
		3	-	-			23.0	27.65	-	11.4	11.5	0.2
		4	-	-			23.0	27.65	-	9.6	13.4	0.2
12/16	1004				7	8½						
		1	-	-			16.6	29.70	-	6.6	6.9	0.1
		2	-	-			16.5	29.88	-	6.4	6.6	0.5
		3	-	-			16.5	30.17	-	5.6	6.0	0.4
		4	-	-			16.5	30.17	-	5.4	6.3	0.4

STATION 11 Depth of 15 feet 27°33' N. 82°42.9' W.

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958												
10/6	1318				4	-						
		1	O	-			28.1	32.00	0.02	9.8	10.3	0.3
		2	O	-			28.1	31.80	0.02	9.3	9.8	0.3
		3	-	-			28.1	31.76	0.03	9.6	10.1	0.2
		4	O	-			28.1	31.94	0.00	13.0	15.5	1.4
11/5	1157				7	-						
		1	O	-			21.3	31.40	0.02	7.7	8.7	0.3
		2	P	0.0			21.3	31.44	0.03	-	7.1	0.4
		3	P	0.0			21.3	31.60	0.01	7.1	8.4	0.4
		4	O	-			21.4	31.74	0.03	-	4.3	0.4
12/2	1235				3	6						
		1	O	-			21.2	31.17	0.03	11.0	12.6	0.2
		2	O	-			21.3	31.15	0.04	9.0	12.0	0.2
		3	O	-			21.2	31.26	0.04	10.2	11.8	0.9
		4	O	-			21.4	31.26	0.03	10.3	11.8	0.1
1959												
1/26	1634				3	9½						
		1	O	-			14.8	30.23	0.03	5.6	6.2	0.5
		2	O	-			14.6	30.25	0.03	5.9	6.3	0.3
		3	O	-			14.6	30.23	0.02	5.2	5.8	0.3
		4	O	-			14.7	30.61	0.03	4.4	4.5	0.3
2/19	1220				0	9						
		1	P	0.0			22.1	33.24	0.04	1.2	2.4	0.1
		2	P	0.0			22.1	33.26	0.02	1.2	2.1	0.2
		3	P	0.0			22.1	33.22	0.04	1.4	2.1	0.2
		4	P	0.0			22.0	33.19	0.04	1.3	1.9	0.2
3/23	1057				7	5½						
		1	O	-			18.5	21.40	0.03	10.3	12.4	0.1
		2	O	-			18.3	21.37	0.03	10.1	12.2	0.5
		3	O	-			18.3	24.90	0.03	9.3	11.2	0.6
		4	O	-			18.3	26.02	0.01	8.3	9.9	0.2
4/8	1054				0	10½						
		1	O	-			23.4	27.09	0.02	7.7	9.7	0.1
		2	O	-			23.1	27.05	0.02	-	7.3	0.1
		3	O	-			22.7	27.09	0.02	7.4	9.3	0.1
		4	O	-			22.7	29.40	0.02	-	5.9	0.0
5/14	1223				6	5						
		1	O	-			27.6	33.75	0.02	2.7	4.2	0.3
		2	O	-			27.6	33.87	0.03	2.7	3.7	0.5
		3	O	-			27.6	33.80	0.02	2.6	4.2	0.5
		4	O	-			27.4	33.80	0.02	2.8	5.1	0.1

STATION 11 (Cont'd)

Date	Time	Depth	G. breve		CA	Tr.	°C.	Sal.	Cu.	PO_4		NO_3-NO_2
			C.	M.						In.	Tot.	
6/8	1204				7	10						
		1	O	-			29.4	31.73	0.03	5.7	6.9	0.3
		2	O	-			28.1	31.73	0.02	5.8	6.9	0.5
		3	O	-			28.0	32.90	0.06	3.9	4.8	0.3
		4	O	-			28.1	33.93	0.05	2.3	3.3	0.4
7/6	1317				2	7						
		1	O	-			31.2	28.44	0.06	8.9	9.7	0.2
		2	O	-			31.2	30.86	0.06	4.8	6.9	0.4
		3	O	-			30.5	31.08	0.06	6.2	7.4	0.2
		4	O	-			31.0	32.99	0.03	4.0	5.9	0.2
8/18	1040				4	8						
		1	P	0.2			28.5	26.91	0.02	5.1	5.7	0.5
		2	P	0.2			28.9	27.85	0.02	3.8	4.7	0.3
		3	P	0.1			28.9	28.44	0.01	2.7	3.2	1.0
		4	P	0.6			28.9	29.78	0.02	1.9	2.5	0.6
9/9	1238				2	7						
		1	O	-			31.7	22.16	0.00	8.0	9.8	0.3
		2	O	-			29.0	26.11	0.00	7.4	9.1	0.3
		3	O	-			29.6	27.41	0.00	6.6	7.8	0.1
		4	O	-			29.6	29.34	0.00	5.5	7.0	0.2
10/15	1205				0	7						
		1	P	102			28.5	33.84	0.03	1.9	2.7	0.4
		2	P	86			28.3	33.87	0.03	1.8	3.1	0.2
		3	P	22			28.2	34.23	0.03	1.3	2.1	0.1
		4	P	26			28.3	34.31	0.03	1.2	2.2	0.1
11/9	1140				4	9						
		1	O	-			22.8	27.05	0.02	12.5	13.7	0.1
		2	O	-			22.8	27.01	0.03	13.0	13.0	0.0
		3	O	-			22.8	27.01	0.02	12.7	13.4	0.1
		4	P	0.0			22.8	27.11	0.03	12.9	13.0	0.3
12/16	1037				7	10						
		1	O	-			16.9	28.12	0.03	8.5	9.5	1.8
		2	O	-			16.7	28.95	0.02	7.5	7.9	0.0
		3	O	-			16.7	29.79	0.05	6.0	6.7	0.3
		4	O	-			16.8	29.79	0.03	6.3	6.5	0.2

STATION 12 Depth of 15 feet 27°32.7' N. 82°43.7' W.

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958												
10/6	1259				4	-						
		1	P	0.0			28.0	31.65	0.03	10.2	10.8	0.2
		2	O	-			28.0	31.78	0.00	9.0	10.1	0.4
		3	P	0.0			28.0	31.51	0.00	9.5	10.3	0.2
		4	O	-			28.0	31.55	0.00	10.1	11.1	0.6
11/5	1138				7	-						
		1	O	-			21.6	31.42	0.05	6.7	8.4	0.4
		2	O	-			21.5	31.51	0.07	6.9	8.1	0.6
		3	O	-			21.5	31.49	0.05	6.7	6.8	0.4
		4	O	-			21.6	32.05	0.02	5.6	6.6	0.3
12/2	1221				3	$5\frac{1}{2}$						
		1	O	-			21.5	31.26	0.03	10.1	11.8	0.1
		2	O	-			21.4	31.29	0.03	9.9	11.2	1.9
		3	O	-			21.3	31.29	0.03	9.5	11.3	1.5
		4	O	-			21.4	31.40	0.03	9.9	12.0	0.5
1959												
1/26	1621				3	9						
		1	O	-			15.0	30.23	0.03	5.8	6.3	0.2
		2	O	-			15.0	30.19	0.03	5.4	5.8	0.4
		3	O	-			14.7	30.41	0.03	4.9	5.6	0.5
		4	O	-			14.7	31.26	0.03	3.2	3.6	0.3
2/19	1205				0	8						
		1	P	0.1			22.0	33.24	0.02	1.3	2.1	0.3
		2	P	0.2			22.0	33.21	0.03	1.3	2.2	0.1
		3	P	0.1			22.0	33.22	0.04	1.4	2.2	0.1
		4	P	0.0			22.0	33.30	0.03	1.3	2.1	0.1
3/23	1043				7	5						
		1	O	-			18.4	22.18	0.02	10.0	12.1	0.8
		2	O	-			18.4	22.56	0.02	9.6	11.5	0.7
		3	O	-			18.4	26.82	0.03	7.6	9.9	0.9
		4	O	-			18.4	27.97	0.04	6.4	8.9	0.2
4/8	1037				0	9						
		1	P	0.0			23.4	28.15	0.03	6.7	8.3	0.1
		2	P	0.0			23.0	28.24	0.02	7.0	7.5	0.1
		3	O	-			22.5	28.75	0.02	5.6	6.8	0.1
		4	O	-			22.5	31.38	0.02	3.8	4.6	0.1
5/14	1210				6	$5\frac{1}{2}$						
		1	O	-			27.2	34.67	0.03	1.1	2.0	0.2
		2	P	0.0			27.2	34.60	0.02	1.1	2.0	0.2
		3	O	-			27.2	34.76	0.02	1.1	2.3	0.4
		4	O	-			27.2	34.72	0.03	1.2	2.1	0.2

STATION 12 (Cont'd)

Date	Time	Depth	G. breve		CA	Tr.	°C.	Sal.	Cu.	PO_4		NO_3-NO_2
			C.	M.						In.	Tot.	
6/8	1150				7	14						
		1	O	-			28.1	34.81	0.03	1.3	1.6	0.3
		2	O	-			28.0	33.35	0.03	3.5	3.8	0.4
		3	O	-			28.0	33.80	0.03	2.6	3.2	0.4
		4	O	-			28.1	34.36	0.03	1.5	2.3	0.4
7/6	1256				2	9						
		1	O	-			30.8	29.79	0.04	6.3	8.2	0.1
		2	O	-			30.2	32.29	0.03	3.4	3.9	0.5
		3	O	-			30.2	33.31	0.04	3.1	3.3	0.2
		4	O	-			30.2	34.23	0.04	-	3.6	0.2
8/18	1022				4	12						
		1	P	0.0			28.4	27.45	0.02	4.2	4.7	0.4
		2	P	0.0			28.5	27.85	0.02	3.9	4.1	1.0
		3	P	0.0			28.8	28.44	0.02	2.8	3.3	0.5
		4	P	0.2			28.8	29.96	0.02	1.6	1.7	0.8
9/9	1221				2	8						
		1	O	-			31.5	22.18	0.01	8.2	9.7	0.4
		2	O	-			29.0	25.14	0.02	7.6	9.7	0.4
		3	O	-			29.6	27.56	0.00	5.0	7.1	0.2
		4	O	-			29.6	28.55	0.00	4.3	6.2	0.3
10/15	1150				0	8						
		1	P	172			28.5	34.42	0.03	0.6	1.3	0.2
		2	P	200			28.5	34.40	0.03	0.7	1.8	0.2
		3	P	180			28.5	34.34	0.03	0.6	1.2	0.4
		4	P	440			28.5	34.40	0.02	0.6	1.6	0.3
11/9	1137				4	$7\frac{1}{2}$						
		1	O	-			22.8	27.11	0.03	12.1	13.4	0.1
		2	O	-			22.8	27.16	0.03	12.2	14.2	0.3
		3	O	-			22.8	27.20	0.03	12.1	13.5	0.1
		4	O	-			22.7	27.11	0.02	11.5	13.1	0.1
12/16	1018				7	11						
		1	O	-			16.7	30.01	0.03	5.7	6.7	0.1
		2	O	-			16.7	29.97	0.03	5.4	5.9	0.3
		3	O	-			16.7	30.01	0.03	4.1	6.2	0.2
		4	O	-			16.7	29.94	0.03	5.8	6.4	0.3

STATION A Depth of 93 feet 27°36.4' N. 82°45.8' W.

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958												
10/9	1211				5	-						
		1	P	0.0			27.2	33.44	0.07	4.8	5.9	0.0
		2	P	0.0			27.2	34.00	0.07	2.4	3.0	0.1
		3	P	0.0			27.2	34.18	0.05	1.9	2.5	0.3
		4	P	0.0			27.3	34.23	0.07	1.8	2.6	0.1
11/6	1145				5	-						
		1	P	0.0			22.2	32.57	0.02	3.3	3.9	0.2
		2	P	0.0			21.9	32.84	0.02	2.5	3.2	0.2
		3	O	-			22.0	33.17	0.02	2.2	2.9	0.2
		4	O	-			22.0	33.22	0.01	2.5	2.9	0.2
12/9	1008				0	5½						
		1	O	-			22.6	31.69	0.04	6.5	7.6	0.9
		2	O	-			22.7	31.96	0.03	5.7	6.5	0.1
		3	O	-			22.8	32.00	0.04	5.4	5.9	0.4
		4	O	-			22.4	32.03	0.04	5.2	5.8	0.1
1959												
1/20	1255				4	4½						
		1	P	0.0			13.6	31.49	0.04	2.8	3.0	0.3
		2	P	0.0			13.0	31.82	0.04	1.8	2.1	0.2
		3	O	-			15.4	31.92	0.03	1.7	1.9	0.1
		4	O	-			15.5	31.91	0.03	2.2	2.9	0.2
2/17	1305				7	10						
		1	O	-			21.7	31.76	0.03	4.1	4.7	0.0
		2	O	-			21.4	32.18	0.03	2.9	3.7	0.6
		3	P	0.0			21.4	32.81	0.02	1.8	2.3	0.7
		4	O	-			21.4	33.06	0.02	1.5	2.2	0.3
3/24	1002				4	6½						
		1	O	-			18.8	28.22	0.03	10.4	11.6	0.1
		2	O	-			18.8	28.86	0.02	8.5	10.2	0.4
		3	O	-			19.6	29.04	0.03	8.2	9.9	0.3
		4	O	-			18.5	29.09	0.03	8.3	9.2	0.3
4/8	1145				0	11						
		1	O	-			23.0	-	0.02	7.3	9.1	0.1
		2	O	-			22.9	-	0.02	6.6	7.6	0.1
		3	O	-			22.4	-	0.02	4.0	5.2	0.1
		4	O	-			22.1	-	0.02	2.9	3.8	0.1
5/12	1304				2	13						
		1	O	-			26.9	32.83	0.02	4.7	5.0	2.6
		2	O	-			26.6	32.97	0.03	4.3	4.5	2.0
		3	P	0.1			26.2	32.87	0.04	2.4	2.8	2.7
		4	P	0.0			26.3	34.11	0.02	2.2	2.4	1.8

STATION A (Cont'd)

Date	Time	Depth	G. breve		CA	Tr.	°C.	Sal.	Cu.	PO_4		NO_3-NO_2
			C.	M.						In.	Tot.	
6/8	0949				7	11						
		1	O	-			28.5	33.40	0.06	3.9	4.9	0.4
		2	O	-			28.4	33.40	0.06	3.8	4.2	0.4
		3	O	-			28.4	33.69	0.09	3.5	3.7	0.2
		4	O	-			28.4	34.11	0.09	2.6	3.2	0.3
7/1	1111				0	15						
		1	O	-			31.1	29.88	0.01	11.1	14.5	0.1
		2	P	0.0			30.1	33.69	0.02	2.2	2.9	0.2
		3	O	-			30.1	34.27	0.02	1.6	3.4	0.2
		4	O	-			30.0	34.36	0.01	1.9	3.1	0.3
8/18	0732				6	10						
		1	O	-			28.9	26.74	0.02	2.6	9.2	0.4
		2	P	0.0			29.2	29.25	0.02	4.0	4.4	0.5
		3	P	0.0			29.5	29.96	0.01	3.3	4.1	0.8
		4	O	-			29.9	30.57	0.02	2.5	2.7	0.4
9/9	1009				0	$12\frac{1}{2}$						
		1	O	-			29.0	24.63	0.00	13.3	14.4	0.1
		2	P	0.0			29.0	26.96	0.02	8.6	9.8	0.5
		3	P	0.2			29.0	28.31	0.04	7.2	7.8	0.3
		4	P	0.0			29.3	29.83	0.00	5.4	6.8	0.4
10/15	0954				0	$10\frac{1}{2}$						
		1	P	32			28.2	30.64	0.03	7.5	8.5	0.2
		2	P	36			28.7	33.24	0.03	3.1	3.9	0.2
		3	P	52			28.6	33.42	0.03	2.9	3.8	0.2
		4	P	46			28.1	33.77	0.04	2.3	3.4	0.2
11/9	0942				6	8						
		1	P	40			24.1	32.56	0.01	3.3	4.0	0.3
		2	P	0.8			23.9	32.79	0.02	2.8	3.5	0.6
		3	P	0.4			23.8	32.79	0.02	2.9	4.4	0.2
		4	P	0.2			24.2	32.88	0.02	2.4	3.7	0.3
12/16	1116				6	7						
		1	O	-			16.6	29.63	0.03	6.9	7.7	0.3
		2	O	-			16.6	30.72	0.04	5.5	5.6	1.1
		3	O	-			16.5	30.70	0.04	4.8	4.8	0.9
		4	O	-			16.8	30.81	0.03	4.0	4.7	0.1

STATION B Depth of 90 feet 27°36.2' N. 82°45.5' W.

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3- NO_2
1958												
10/9	1151				5	"						
		1	P	0.5			28.5	33.26	0.05	5.2	6.1	0.3
		2	P	0.2			28.4	33.89	0.04	2.7	3.4	0.0
		3	P	0.1			28.3	33.96	0.05	2.5	3.1	0.1
		4	P	0.1			28.8	34.04	0.05	1.8	2.6	0.2
11/6	1125				5	"						
		1	P	0.0			22.2	32.63	0.02	3.3	4.0	0.1
		2	O	"			21.2	32.83	0.04	2.5	3.1	0.4
		3	O	"			22.2	33.08	0.02	2.3	2.9	0.3
		4	O	"			22.2	33.19	0.02	2.2	2.9	0.4
12/9	0945				0	6						
		1	O	"			22.5	31.69	0.03	7.1	8.2	0.3
		2	O	"			22.4	31.96	0.05	5.7	7.3	0.2
		3	O	"			22.6	32.00	0.04	5.6	6.3	0.1
		4	O	"			21.0	32.03	0.03	4.7	5.7	0.3
1959												
1/20	1322				4	5½						
		1	O	"			13.3	31.55	0.04	2.7	3.0	0.2
		2	O	"			13.2	31.82	0.03	2.4	2.5	0.2
		3	O	"			13.1	31.71	0.03	2.0	2.4	0.2
		4	O	"			13.5	32.00	0.03	2.2	2.7	0.1
2/17	1326				9	15						
		1	P	0.0			22.2	32.36	0.03	"	3.1	0.7
		2	P	0.0			22.1	32.56	0.02	"	2.3	0.7
		3	O	"			22.0	32.88	0.02	"	1.7	0.5
		4	O	"			22.0	32.84	0.02	1.6	2.1	0.7
3/24	0946				4	6½						
		1	O	"			18.6	27.75	0.02	11.8	13.4	0.4
		2	O	"			18.4	28.12	0.03	9.8	11.7	0.3
		3	O	"			18.5	28.60	0.03	9.2	11.1	0.5
		4	O	"			18.5	28.86	0.02	8.9	10.7	0.4
4/8	1125				0	12½						
		1	O	"			23.0	28.96	0.02	7.6	8.1	0.1
		2	O	"			22.8	30.81	0.01	5.0	5.5	0.0
		3	O	"			22.3	32.01	0.02	3.5	4.1	0.1
		4	O	"			22.1	32.27	0.02	6.5	8.6	0.8
5/12	1246				2	13						
		1	P	0.0			26.6	32.92	0.03	4.2	5.0	1.5
		2	P	0.1			26.3	33.53	0.03	3.0	3.7	1.7
		3	P	0.0			26.2	34.07	0.03	1.7	2.5	1.4
		4	O	"			26.0	34.18	0.03	2.0	2.7	2.6

STATION B (Cont'd)

Date	Time	Depth	G. breve		CA	Tr.	°C.	Sal.	Cu.	PO_4		NO_3- NO_2
			C.	M.						In.	Tot.	
6/8	1008				7	13						
		1	O	-			28.5	32.95	0.06	4.9	5.8	0.2
		2	O	-			28.5	33.06	0.06	4.5	5.1	0.9
		3	O	-			28.4	33.57	0.06	3.7	4.4	0.3
		4	O	-			28.3	34.18	0.07	2.8	3.1	0.3
7/1	1105				0	9						
		1	O	-			30.8	29.61	0.02	10.0	11.0	0.1
		2	O	-			30.1	33.21	0.01	2.4	6.0	0.3
		3	O	-			30.1	34.16	0.01	1.8	3.5	0.3
		4	O	-			30.1	34.25	0.02	2.4	4.2	0.3
8/18	0755				3	11						
		1	O	-			28.4	27.63	0.02	6.1	6.1	0.2
		2	P	0.0			28.9	28.98	0.02	4.4	4.7	0.5
		3	P	0.0			29.4	30.01	0.02	3.4	3.9	0.5
		4	P	0.0			29.8	30.73	0.01	2.6	3.4	1.1
9/9	1036				0	$12\frac{1}{2}$						
		1	O	-			29.0	24.45	0.02	12.2	14.7	0.4
		2	P	0.2			30.1	26.35	0.00	9.1	10.3	0.0
		3	P	0.0			30.2	26.80	0.00	9.6	10.3	0.3
		4	P	0.0			30.2	27.66	0.00	8.2	9.8	0.3
10/15	1012				0	10						
		1	P	31			28.6	30.93	0.03	6.5	8.4	0.6
		2	P	140			28.6	32.27	0.03	4.5	5.6	0.2
		3	P	60			28.6	32.95	0.03	3.5	4.3	0.4
		4	P	100			28.0	33.60	0.03	2.6	3.1	0.3
11/9	1008				6	8						
		1	P	40			24.1	32.36	0.02	3.8	4.5	0.1
		2	P	10			24.2	32.70	0.00	3.0	3.4	0.3
		3	P	2.7			24.0	32.88	0.03	2.8	3.2	0.4
		4	P	1.9			24.0	32.88	0.03	2.7	3.2	0.2
12/16	1100				6	7						
		1	O	-			16.6	29.51	0.03	7.0	8.2	0.6
		2	O	-			16.4	29.56	0.04	5.7	7.7	0.1
		3	O	-			16.2	30.61	0.03	6.8	7.0	0.8
		4	O	-			16.4	30.72	0.04	6.6	6.7	0.0

STATION 13 Depth of 22 feet 27°38.2' N. 82°49.4' W.

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958												
10/2	1300				5	-						
		1	O	-			29.4	33.21	0.05	6.1	6.6	0.1
		2	P	0.0			29.1	33.21	0.04	4.9	6.0	0.3
		3	P	0.1			29.1	33.22	0.07	4.6	5.9	0.7
		4	O	-			29.2	33.46	0.06	4.0	4.8	0.3
11/4	1006				4	-						
		1	O	-			22.4	33.51	0.01	0.4	0.7	0.2
		2	O	-			22.4	33.39	0.05	0.4	0.7	0.7
		3	O	-			22.3	33.37	0.02	0.5	0.7	0.2
		4	O	-			22.0	33.42	0.03	0.3	0.8	0.3
12/9	1038				0	$6\frac{1}{2}$						
		1	O	-			22.4	30.72	0.05	3.9	4.7	0.2
		2	O	-			22.4	32.21	0.04	3.8	4.6	0.1
		3	O	-			22.3	32.41	0.05	2.0	2.3	0.1
		4	O	-			22.4	32.61	0.04	1.9	2.5	0.2
1959												
1/20	0934				4	4						
		1	O	-			12.9	31.71	0.07	2.2	2.3	0.0
		2	O	-			12.9	31.67	0.03	2.0	2.4	0.0
		3	O	-			13.0	31.82	0.07	1.6	1.8	0.4
		4	O	-			13.1	31.91	0.06	1.5	1.6	0.2
2/17	1020				9	10						
		1	O	-			21.3	32.18	0.03	3.7	4.0	0.2
		2	O	-			21.2	32.12	0.02	3.5	3.8	0.7
		3	O	-			20.5	32.29	0.03	2.6	3.0	0.4
		4	O	-			20.4	32.79	0.03	1.8	2.7	0.2
3/10	0930				4	$11\frac{1}{2}$						
		1	O	-			18.7	33.15	0.03	1.0	1.4	0.2
		2	O	-			18.7	33.10	0.03	1.0	1.3	0.2
		3	O	-			18.7	33.04	0.03	1.0	1.2	0.3
		4	O	-			18.7	33.04	0.05	1.0	1.2	0.1
4/7	1715				4	$14\frac{1}{2}$						
		1	P	0.0			23.9	31.06	0.03	3.9	3.9	0.1
		2	P	0.1			23.8	30.93	0.03	3.3	3.3	0.1
		3	P	0.0			22.5	30.90	0.03	3.7	3.9	0.1
		4	P	0.0			22.1	31.58	0.03	3.1	3.3	0.1
5/12	1006				2	11						
		1	O	-			26.0	33.53	0.06	3.3	4.0	2.0
		2	O	-			25.8	33.58	0.03	3.0	3.3	2.0
		3	O	-			25.7	33.53	0.06	3.0	4.1	2.6
		4	O	-			25.5	33.64	0.03	2.9	3.7	1.8

STATION 13 (Cont'd)

Date	Time	Depth	G. breve		CA	Tr.	°C.	Sal.	Cu.	PO_4		NO_3-NO_2
			C.	M.						In.	Tot.	
6/2	0957				2	6½						
		1	O	-			27.6	34.34	0.06	1.7	2.8	0.1
		2	O	-			27.6	34.14	0.05	1.9	2.8	0.2
		3	P	0.0			27.6	34.13	0.03	1.8	2.9	0.4
		4	O	-			27.6	34.13	0.05	2.0	3.3	0.2
7/1	0820				3	15						
		1	O	-			30.0	33.46	0.03	2.0	3.2	0.2
		2	P	0.0			30.0	33.46	0.02	1.7	3.1	0.4
		3	O	-			30.0	33.46	0.03	2.1	3.0	0.1
		4	O	-			30.0	33.40	0.02	1.2	2.4	0.1
8/17	1101				4	14						
		1	P	0.0			29.2	31.55	0.04	1.0	1.3	0.4
		2	P	0.1			29.1	31.98	0.03	1.1	1.2	0.9
		3	O	-			29.0	31.98	0.04	1.0	1.5	1.1
		4	O	-			28.8	32.03	0.08	1.1	1.3	0.8
9/10	1447				9	10						
		1	P	0.4			29.4	27.54	0.03	9.1	10.7	0.0
		2	P	1.0			29.2	28.26	0.04	8.1	8.7	0.2
		3	O	-			29.2	30.28	0.03	4.5	5.1	0.1
		4	O	-			29.4	33.03	0.07	2.9	4.0	0.1
10/22	1327				9	13						
		1	P	360			26.7	30.39	0.05	5.5	6.4	0.2
		2	P	40			26.6	30.68	0.03	5.0	6.1	0.2
		3	P	0.4			26.8	31.82	0.04	3.7	4.5	0.5
		4	P	0.0			27.0	33.26	0.04	1.0	1.3	0.3
11/12	0959				7	11						
		1	O	-			21.4	31.26	0.06	3.8	4.7	0.2
		2	O	-			21.4	31.46	0.03	3.4	4.1	0.1
		3	O	-			21.4	31.74	0.03	2.2	3.2	0.1
		4	O	-			21.4	32.25	0.02	0.9	1.6	0.6
12/8	0939				0	3						
		1	P	0.4			14.4	31.83	0.02	0.8	1.2	0.2
		2	P	0.0			14.4	31.82	0.04	1.2	1.2	0.1
		3	P	0.0			14.5	31.82	0.04	0.7	1.1	0.3
		4	-	-			14.6	31.91	0.03	0.3	1.4	0.3

STATION 14 Depth of 22 feet 27°37.7' N. 82°50' W.

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958												
10/2	1321				5	-						
		1	O	-			30.2	33.22	0.06	6.1	7.4	0.2
		2	O	-			29.2	33.10	0.07	5.4	6.3	0.2
		3	O	-			29.1	33.28	0.09	4.9	5.7	0.1
		4	P	0.0			29.2	33.24	0.07	8.2	11.7	0.3
11/4	1025				4	-						
		1	O	-			22.3	33.42	0.02	0.5	0.9	0.2
		2	O	-			22.3	33.42	0.02	0.4	0.8	0.2
		3	O	-			22.3	33.39	0.03	0.5	0.9	0.4
		4	O	-			22.4	33.49	0.03	0.3	0.8	0.3
12/9	1052				0	$6\frac{1}{2}$						
		1	O	-			22.5	32.21	0.04	4.1	5.0	0.1
		2	O	-			22.3	32.23	0.03	3.8	4.8	0.2
		3	O	-			22.4	32.36	0.03	2.6	3.4	0.1
		4	O	-			22.4	32.59	0.04	1.9	2.8	1.4
1959												
1/20	0950				4	5						
		1	O	-			12.8	31.47	0.07	2.7	2.9	0.3
		2	O	-			12.8	31.49	0.04	2.6	2.8	0.3
		3	O	-			12.8	31.53	0.04	2.7	3.0	0.2
		4	O	-			12.9	31.65	0.03	2.3	2.5	0.2
2/17	1037				9	9						
		1	O	-			21.2	32.36	0.03	2.9	3.5	0.1
		2	O	-			21.0	32.32	0.02	2.8	3.2	0.1
		3	O	-			20.4	32.70	0.03	2.3	2.9	0.0
		4	O	-			20.4	32.83	0.02	1.8	2.3	0.2
3/10	0945				4	$10\frac{1}{2}$						
		1	O	-			18.7	32.61	0.05	2.0	2.3	0.2
		2	O	-			18.6	32.70	0.03	1.6	2.1	0.4
		3	O	-			18.6	32.95	0.04	1.5	2.0	0.2
		4	O	-			18.6	32.92	0.05	1.3	1.6	0.2
4/7	1703				4	14						
		1	P	0.2			23.6	30.62	0.03	4.7	4.7	0.3
		2	P	0.2			23.4	30.62	0.03	4.5	4.7	0.1
		3	P	0.1			22.2	30.84	0.03	3.6	4.1	0.1
		4	P	0.0			22.1	31.60	0.03	3.2	3.5	0.1
5/12	1025				2	15						
		1	O	-			25.8	34.33	0.05	1.7	2.3	1.2
		2	O	-			25.8	34.25	0.04	1.7	2.2	1.9
		3	P	0.0			25.8	34.36	0.03	1.6	2.2	2.3
		4	O	-			25.9	34.25	0.05	1.7	2.0	1.3

STATION 14 (Cont'd)

Date	Time	Depth	G. breve		CA	Tr.	°C.	Sal.	Cu.	PO_4		NO_3-NO_2
			C.	M.						In.	Tot.	
6/2	0943				2	6						
		1	P	0.0			27.7	34.51	0.03	1.3	2.2	0.2
		2	P	0.1			27.6	34.56	0.04	1.4	2.4	0.2
		3	O	-			27.6	34.63	0.06	1.5	2.3	0.3
		4	O	-			27.6	34.45	0.05	1.7	2.9	0.7
7/1	0838				3	13						
		1	P	0.0			30.0	33.28	0.02	2.5	3.8	0.0
		2	O	-			30.0	33.37	0.02	1.8	3.2	0.3
		3	O	-			30.0	33.55	0.02	2.0	2.9	0.1
		4	O	-			30.0	34.36	0.02	1.4	2.4	0.3
8/17	1117				4	20						
		1	P	0.2			29.2	32.03	0.02	0.8	0.8	0.7
		2	P	0.3			28.8	31.98	0.06	0.6	0.9	0.8
		3	P	0.0			28.8	32.07	0.02	0.7	0.9	0.5
		4	P	0.1			28.8	32.21	0.02	0.9	1.3	0.5
9/10	1433				9	9½						
		1	P	0.3			29.4	28.28	0.01	8.2	9.1	0.0
		2	P	0.0			29.1	27.75	0.00	8.5	9.2	0.2
		3	P	0.0			29.1	28.64	0.04	6.8	8.2	0.1
		4	P	0.0			29.1	30.08	0.04	5.6	6.7	0.3
10/22	1342				9	-						
		1	P	440			26.5	29.92	0.05	6.2	6.7	0.1
		2	P	100			26.5	30.07	0.04	5.7	6.7	0.6
		3	P	3.4			26.7	31.17	0.04	4.6	5.3	0.4
		4	P	0.6			26.7	31.27	0.04	4.3	4.8	0.2
11/12	1007				7	9½						
		1	P	0.0			21.4	30.84	0.02	4.8	5.2	0.4
		2	O	-			21.4	31.49	0.02	3.5	4.0	0.6
		3	O	-			21.4	32.30	0.02	1.0	1.5	0.3
		4	O	-			21.4	32.27	0.02	1.0	1.5	0.1
12/8	0953				0	3						
		1	P	0.1			15.0	31.82	0.04	0.7	1.2	0.2
		2	P	0.0			15.0	31.82	0.03	0.7	1.2	0.7
		3	O	-			15.0	31.82	0.04	0.6	1.3	0.1
		4	P	0.0			15.7	31.91	0.03	0.3	1.1	0.6

STATION 15 Depth of 24 feet 27°36.7' N. 82°50' W.

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958												
10/2	1350				5	--						
		1	O	--			30.3	33.35	0.09	4.8	5.4	0.1
		2	P	0.0			29.2	33.46	0.07	3.9	4.8	0.4
		3	P	0.1			29.2	33.66	0.05	3.4	4.2	0.2
		4	P	0.0			29.2	33.71	0.06	4.8	6.0	0.1
11/4	1041				4	--						
		1	P	0.0			22.1	33.24	0.03	0.5	0.9	0.5
		2	O	--			22.1	33.28	0.02	0.5	0.9	0.4
		3	O	--			22.1	33.28	0.02	0.5	1.0	0.3
		4	O	--			22.1	33.28	0.02	0.4	0.9	0.8
12/9	1108				0	7						
		1	O	--			22.4	32.00	0.04	4.6	5.1	0.3
		2	O	--			22.4	32.14	0.04	4.3	5.3	0.4
		3	O	--			22.3	32.14	0.05	4.4	5.2	0.2
		4	O	--			22.3	32.18	0.03	4.6	5.3	0.1
1959												
1/20	1006				4	4½						
		1	O	--			13.0	31.67	0.07	2.6	2.6	0.2
		2	O	--			13.0	31.76	0.03	2.3	2.5	0.3
		3	O	--			13.1	31.73	0.03	2.0	2.4	0.1
		4	O	--			13.2	31.91	0.03	1.7	2.0	0.1
2/17	1055				9	11						
		1	O	--			21.4	32.36	0.02	3.0	3.5	0.7
		2	P	0.0			21.1	32.34	0.01	2.7	3.5	0.3
		3	O	--			21.0	32.45	0.02	1.8	2.5	0.3
		4	O	--			21.0	32.88	0.01	1.5	1.5	0.3
3/10	1000				4	10						
		1	O	--			18.8	32.43	0.06	2.1	2.7	0.3
		2	O	--			18.7	32.45	0.05	2.0	2.4	0.2
		3	O	--			18.6	32.61	0.05	1.8	2.2	0.1
		4	O	--			18.6	32.81	0.03	1.7	2.2	0.2
4/7	1645				4	14						
		1	P	0.0			23.2	31.04	0.04	4.5	4.5	0.1
		2	P	0.0			23.1	31.26	0.03	3.9	4.3	0.0
		3	P	0.0			22.4	31.44	0.03	3.3	3.9	0.1
		4	P	0.0			22.0	31.87	0.03	3.1	3.4	0.1
5/12	1040				2	14						
		1	P	0.0			25.9	34.45	0.03	1.7	2.0	2.0
		2	O	--			25.9	34.42	0.03	1.4	1.7	0.3
		3	P	0.0			25.8	34.49	0.03	1.6	2.0	2.8
		4	P	0.0			25.9	34.42	0.03	1.5	2.1	1.6

STATION 15 (Cont'd)

Date	Time	Depth	G. breve		CA	Tr.	°C.	Sal.	Cu.	PO_4		NO_3-NO_2
			C.	M.						In.	Tot.	
6/2	0928				2	$8\frac{1}{2}$						
		1	P	0.0			27.5	34.29	0.03	0.6	1.4	0.1
		2	O	-			27.6	34.72	0.03	0.7	1.5	0.1
		3	P	0.0			27.5	34.72	0.03	0.7	1.4	0.1
		4	P	0.0			27.5	34.72	0.03	0.7	1.4	1.0
7/1	0853				3	14						
		1	O	-			30.0	22.61	0.02	3.6	5.3	0.2
		2	O	-			30.1	32.57	0.02	4.0	4.6	0.2
		3	O	-			30.2	32.44	0.02	2.9	4.1	0.5
		4	O	-			30.0	33.53	0.04	2.2	3.2	0.3
8/17	1134				4	16						
		1	P	0.0			29.6	31.85	0.02	0.8	0.8	0.1
		2	P	0.1			29.0	31.94	0.02	0.7	0.7	0.6
		3	O	-			28.8	31.98	0.03	0.7	1.1	0.8
		4	O	-			28.8	32.03	0.00	0.8	1.1	0.7
9/10	1418				9	$12\frac{1}{2}$						
		1	P	0.3			29.4	27.11	0.01	9.4	10.4	0.0
		2	P	0.6			29.0	29.07	0.02	5.5	6.5	0.1
		3	P	0.1			29.1	30.84	0.01	3.9	4.6	0.1
		4	P	0.1			29.1	32.36	0.02	2.8	3.4	0.4
10/22	1357				9	7						
		1	P	80			26.5	30.88	0.04	4.2	4.8	0.3
		2	P	100			26.6	30.88	0.04	4.2	4.3	0.3
		3	P	0.1			26.9	32.66	0.04	2.1	2.4	0.4
		4	P	0.0			26.9	32.70	0.04	2.2	2.5	0.4
11/12	1020				7	10						
		1	P	0.0			21.4	30.48	0.02	5.8	6.8	0.2
		2	P	0.0			21.4	30.43	0.01	-	7.3	0.5
		3	O	-			21.4	32.32	0.00	-	1.5	0.1
		4	O	-			21.4	32.21	0.01	-	2.4	0.1
12/8	1009				0	3						
		1	P	0.0			14.9	31.64	0.03	0.7	1.2	0.2
		2	P	0.0			15.0	31.64	0.03	0.6	1.1	0.1
		3	O	-			15.6	31.64	0.04	0.2	1.2	0.3
		4	O	-			15.7	31.60	0.03	0.7	1.2	0.2

STATION 16 Depth of 23 feet 27°36' N. 82°50' W.

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958												
10/2	1407				5	-						
		1	O	-			29.7	33.95	0.05	2.9	3.6	0.8
		2	P	0.0			29.2	33.91	0.02	2.7	3.2	0.6
		3	P	0.8			29.2	33.98	0.02	2.8	3.3	0.2
		4	P	0.3			29.4	33.98	0.03	2.6	3.4	0.1
11/4	1057				5	-						
		1	O	-			22.6	33.51	0.05	0.5	1.0	0.3
		2	O	-			22.6	33.51	0.05	0.6	0.9	0.2
		3	O	-			22.6	33.48	0.05	0.5	0.8	0.2
		4	O	-			22.7	33.42	0.04	0.6	0.9	0.2
12/9	1122				0	8						
		1	O	-			22.4	32.21	0.05	3.6	4.3	0.2
		2	O	-			22.3	32.38	0.04	3.0	3.7	0.2
		3	O	-			22.3	32.59	0.04	1.9	2.4	0.2
		4	O	-			22.4	32.84	0.03	1.6	2.0	0.1
1959												
1/20	1029				4	7						
		1	O	-			13.3	32.45	0.07	0.8	1.2	0.0
		2	O	-			13.2	32.29	0.03	0.8	1.0	0.2
		3	O	-			13.2	32.29	0.03	0.8	1.0	0.4
		4	O	-			13.2	32.29	0.03	0.9	1.0	0.3
2/17	1110				8	13						
		1	P	0.1			21.0	33.24	0.02	0.7	1.2	0.1
		2	P	0.1			20.9	33.26	0.02	0.8	3.1	0.3
		3	P	0.2			20.8	33.24	0.02	0.8	1.2	0.1
		4	P	0.1			20.8	33.24	0.00	0.9	1.2	0.7
3/10	1014				4	10						
		1	P	0.0			18.8	32.75	0.03	1.9	2.3	0.2
		2	O	-			18.6	32.79	0.03	1.8	2.1	0.2
		3	O	-			18.7	32.86	0.03	1.6	1.9	0.2
		4	O	-			18.6	33.10	0.03	1.3	2.0	0.2
4/7	1632				4	14						
		1	P	0.0			23.5	30.01	0.03	6.7	7.0	0.1
		2	P	0.0			22.6	30.19	0.03	5.8	6.4	0.1
		3	P	0.0			21.9	30.64	0.03	4.8	5.3	0.2
		4	O	-			21.6	32.07	0.03	2.7	2.9	0.2
5/12	1059				2	15						
		1	O	-			25.7	34.58	0.03	1.4	1.5	2.7
		2	P	0.0			25.7	34.49	0.03	1.2	1.5	1.9
		3	O	-			25.7	34.58	0.02	1.2	1.4	2.9
		4	P	0.0			25.8	34.49	0.04	1.4	1.5	

STATION 16 (Cont'd)

Date	Time	Depth	G. breve		CA	Tr.	°C.	Sal.	Cu.	PO_4		NO_3- NO_2
			C.	M.						In.	Tot.	
6/2	0914				2	9						
		1	P	0.0			27.6	34.88	0.03	0.7	1.3	0.1
		2	O	-			27.6	34.88	0.05	0.6	1.4	0.6
		3	O	-			27.5	34.72	0.02	0.5	1.2	0.1
		4	O	-			27.5	34.72	0.03	0.4	1.4	0.3
7/1	0906				3	$12\frac{1}{2}$						
		1	P	0.0			30.0	32.47	0.02	4.4	5.2	0.1
		2	P	0.0			30.1	32.48	0.02	4.2	5.3	0.3
		3	O	-			30.2	32.57	0.03	3.3	4.7	0.3
		4	O	-			29.8	33.98	0.03	1.7	2.3	0.2
8/17	1149				4	18						
		1	P	0.0			29.2	31.98	0.02	0.6	0.7	0.5
		2	P	0.5			28.8	31.98	0.04	0.9	0.9	0.5
		3	O	-			28.8	32.10	0.01	0.9	0.9	0.5
		4	O	-			28.8	32.18	0.01	0.8	1.1	0.8
9/10	1403				4	$12\frac{1}{2}$						
		1	P	1.6			29.6	30.14	0.01	4.7	5.5	0.0
		2	P	5.3			29.7	30.39	0.01	4.1	4.9	0.2
		3	P	0.7			29.4	31.27	0.01	3.2	3.9	0.3
		4	P	0.2			29.0	32.03	0.01	2.5	2.9	0.3
10/22	1411				9	-						
		1	P	460			27.1	32.95	0.04	0.7	1.2	0.2
		2	P	32			27.2	33.13	0.04	0.5	1.1	0.1
		3	O	-			27.2	33.44	0.05	0.8	1.2	0.2
		4	O	-			27.5	33.40	0.03	0.7	1.3	0.3
11/12	1035				7	9						
		1	O	-			21.4	31.15	0.03	-	4.9	0.4
		2	O	-			21.4	31.40	0.03	-	4.4	0.2
		3	O	-			21.5	32.09	0.04	1.9	2.5	0.4
		4	O	-			21.5	32.47	0.03	0.6	1.6	0.3
12/8	1022				0	3						
		1	P	0.0			14.8	31.56	0.02	0.6	1.2	0.1
		2	O	-			14.9	31.55	0.04	0.6	1.1	0.2
		3	O	-			14.9	31.55	0.03	0.6	1.1	0.1
		4	O	-			15.5	31.73	0.03	0.7	1.2	0.2

STATION 17 Depth of 28 feet 27°34' N. 82°50' W.

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958												
10/2	1428				5	-						
		1	P	0.0			29.6	34.33	0.06	2.3	3.8	0.2
		2	P	0.0			29.1	34.16	0.05	2.1	2.7	0.2
		3	P	0.1			29.1	34.31	0.04	1.4	2.2	0.2
		4	P	0.1			29.1	34.38	0.03	1.5	2.1	0.3
11/4	1117				5	-						
		1	O	-			21.7	32.74	0.04	3.9	5.1	0.2
		2	O	-			21.7	32.75	0.04	3.5	4.3	0.3
		3	O	-			21.6	32.94	0.04	2.8	3.8	0.2
		4	O	-			21.8	33.12	0.04	1.9	2.9	0.1
12/9	1138				0	9						
		1	O	-			22.4	32.70	0.03	2.5	3.2	0.1
		2	O	-			22.2	32.84	0.04	2.0	2.5	0.5
		3	P	0.0			22.1	32.95	0.03	1.2	2.4	0.1
		4	O	-			22.1	33.04	0.03	1.0	1.4	0.1
1959												
1/20	1054				4	7						
		1	O	-			13.5	32.25	0.04	2.3	2.3	0.2
		2	O	-			13.4	31.82	0.03	2.0	2.3	0.1
		3	O	-			13.5	31.92	0.03	1.5	1.7	0.2
		4	O	-			13.6	32.43	0.03	0.7	0.9	0.1
2/17	1129				8	21						
		1	P	0.1			20.8	33.39	0.02	0.4	0.9	0.1
		2	P	0.0			20.6	33.51	0.02	0.4	2.0	0.0
		3	O	-			20.6	33.40	0.02	0.5	0.9	0.6
		4	O	-			20.5	33.35	0.02	0.6	0.8	0.7
3/10	1031				4	10						
		1	O	-			18.6	33.37	0.02	1.0	1.7	0.2
		2	O	-			18.6	33.37	0.02	1.0	1.3	0.2
		3	O	-			18.6	33.40	0.05	0.9	1.3	0.2
		4	O	-			18.6	33.53	0.02	0.9	1.5	0.2
4/7	1615				4	19						
		1	O	-			23.9	32.03	0.03	3.7	3.7	0.1
		2	O	-			23.7	32.03	0.03	3.4	3.7	0.1
		3	O	-			23.3	32.14	0.03	3.2	3.6	0.1
		4	O	-			22.8	32.09	0.03	3.3	3.5	0.1
5/12	1117				2	$18\frac{1}{2}$						
		1	O	-			25.6	34.67	0.03	1.1	1.3	2.6
		2	O	-			25.6	34.67	0.03	1.0	1.9	2.1
		3	P	0.0			25.5	34.67	0.03	1.0	1.5	1.9
		4	P	0.0			25.5	34.60	0.03	1.1	1.4	2.4

STATION 17 (Cont'd)

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
6/2	0855				2	9						
		1	P	0.0			27.5	34.79	0.05	0.6	1.0	1.3
		2	O	-			27.5	34.79	0.03	0.5	1.1	0.2
		3	O	-			27.4	34.69	0.03	0.6	1.1	0.2
		4	O	-			27.4	34.74	0.03	0.5	1.2	0.2
7/1	0926				3	$12\frac{1}{2}$						
		1	P	0.0			30.1	32.27	0.04	4.3	5.3	0.1
		2	O	-			30.2	32.39	0.02	4.1	4.7	0.1
		3	O	-			29.8	34.16	0.04	1.4	2.2	0.2
		4	P	0.0			29.8	35.05	0.06	0.6	1.5	0.6
8/17	1212				4	17						
		1	P	0.3			30.3	31.80	0.02	0.5	0.9	0.4
		2	P	0.4			28.8	31.89	0.02	0.8	1.1	0.3
		3	P	0.0			28.8	32.00	0.01	0.7	0.9	0.2
		4	P	0.1			28.8	32.18	0.02	0.6	1.4	0.8
9/10	1344				4	11						
		1	P	0.2			30.4	26.82	0.00	6.5	7.3	0.1
		2	P	0.1			29.0	29.04	0.00	4.0	5.1	0.4
		3	P	0.1			29.0	32.52	0.00	1.8	2.1	0.4
		4	O	-			29.0	33.40	0.02	1.1	1.2	0.3
10/22	1427				9	$11\frac{1}{2}$						
		1	P	420			27.2	33.08	0.03	0.6	1.2	0.3
		2	P	30			27.2	33.15	0.03	0.7	1.1	0.2
		3	O	-			27.2	33.33	0.02	0.7	1.2	0.2
		4	O	-			27.3	33.40	0.04	0.7	1.2	0.5
11/12	1056				7	10						
		1	O	-			21.5	30.84	0.02	-	6.5	0.3
		2	O	-			21.7	31.49	0.01	4.0	4.0	0.2
		3	O	-			21.8	32.88	0.01	0.8	1.6	0.3
		4	O	-			21.9	32.97	0.01	-	1.4	0.5
12/8	1040				-	-						
		1	P	0.0			15.1	31.82	0.03	0.7	1.2	0.5
		2	O	-			15.1	31.82	0.03	0.7	1.1	0.1
		3	O	-			15.2	31.91	0.03	0.7	1.3	0.1
		4	P	0.0			15.6	31.96	0.04	0.6	1.1	0.3

STATION 18 Depth of 34 feet 27°33.2' N. 82°50' W.

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958												
10/2	1444				5	-						
		1	P	0.0			29.6	34.60	0.08	1.4	2.0	0.3
		2	P	0.1			29.0	34.43	0.03	1.2	2.0	0.2
		3	P	0.0			29.0	34.47	0.03	1.3	2.0	0.3
		4	P	0.0			29.0	34.65	0.03	1.3	1.9	0.3
11/4	1132				5	-						
		1	P	0.0			22.1	32.94	0.04	2.8	3.3	0.1
		2	O	-			22.2	32.99	0.03	2.6	3.2	0.0
		3	O	-			22.3	33.17	0.04	2.1	2.9	0.3
		4	O	-			22.4	33.53	0.03	1.5	2.3	0.3
12/9	1150				0	10						
		1	O	-			22.4	32.52	0.05	2.5	3.3	0.1
		2	O	-			22.1	32.74	0.02	2.1	2.7	1.4
		3	O	-			22.1	32.22	0.03	0.8	1.6	0.3
		4	P	0.0			22.2	33.30	0.04	0.7	1.8	0.3
1959												
1/20	1115				4	7						
		1	O	-			13.6	32.05	0.07	1.8	2.0	0.2
		2	O	-			13.5	31.96	0.05	1.6	1.8	0.1
		3	O	-			13.4	32.52	0.03	1.1	1.2	0.5
		4	O	-			13.8	32.92	0.04	0.5	0.8	0.3
2/17	1144				8	21½						
		1	P	0.1			20.7	33.49	0.02	0.4	0.9	0.1
		2	O	-			20.6	33.33	0.02	0.4	4.0	0.2
		3	P	0.0			20.4	33.40	0.03	0.4	0.9	0.7
		4	O	-			20.2	33.40	0.03	0.5	1.0	0.1
3/10	1048				4	11½						
		1	O	-			18.8	32.50	0.05	2.2	2.6	0.2
		2	O	-			18.6	33.13	0.03	1.2	1.5	0.2
		3	O	-			18.5	33.53	0.05	0.8	1.2	0.3
		4	O	-			18.5	33.68	0.03	0.8	1.3	0.2
4/7	1600				4	19						
		1	O	-			23.5	31.94	0.04	3.7	4.1	0.1
		2	O	-			22.4	31.94	0.03	3.3	4.1	0.1
		3	O	-			22.2	32.30	0.03	3.1	3.7	0.1
		4	O	-			21.3	33.35	0.03	1.8	2.2	0.1
5/12	1131				2	31						
		1	O	-			25.5	34.67	0.03	1.1	1.3	0.2
		2	P	0.0			25.5	34.58	0.03	1.1	1.2	2.4
		3	P	0.0			25.4	34.58	0.03	1.0	1.3	2.1
		4	O	-			25.5	34.67	0.03	1.0	1.3	2.6

STATION 18 (Cont'd)

Date	Time	Depth	G. breve		CA	Tr.	°C.	Sal.	Cu.	PO_4		NO_3-NO_2
			C.	M.						In.	Tot.	
6/2	0839				2	12						
		1	O	-			27.4	34.92	0.03	0.6	1.1	0.1
		2	O	-			27.4	34.92	0.03	0.4	1.0	0.1
		3	O	-			27.4	34.92	0.03	0.6	1.1	0.1
		4	O	-			27.4	34.74	0.03	0.6	1.1	0.2
7/1	0940				3	12						
		1	P	0.0			30.3	32.43	0.05	4.2	5.2	0.1
		2	P	0.0			30.2	32.39	0.05	4.3	5.7	0.2
		3	O	-			29.7	33.51	0.06	2.3	3.5	0.1
		4	O	-			29.8	35.14	0.05	0.7	1.7	0.2
8/17	1226				4	22						
		1	P	0.0			30.8	31.80	0.02	0.7	0.9	0.3
		2	P	0.0			28.9	31.82	0.02	0.6	0.9	0.8
		3	O	-			28.7	32.21	0.01	0.7	1.0	0.6
		4	O	-			28.7	32.43	0.02	0.5	0.9	0.4
9/10	1326				4	14						
		1	O	-			29.5	27.47	0.01	5.4	7.1	0.4
		2	O	-			29.0	30.53	0.01	3.4	4.0	0.4
		3	P	3.0			29.1	32.52	0.00	1.5	1.8	0.2
		4	P	0.1			29.1	33.49	0.00	1.0	2.1	0.2
10/22	1439				9	-						
		1	P	120			27.2	33.08	0.04	0.8	1.1	0.3
		2	O	-			27.2	33.31	0.04	0.6	1.0	0.2
		3	O	-			27.2	33.40	0.04	0.6	1.0	0.3
		4	O	-			27.2	33.48	0.02	0.8	1.5	0.3
11/12	1107				7	10						
		1	O	-			21.6	31.15	0.02	4.6	5.9	0.1
		2	O	-			21.6	31.65	0.02	-	3.9	0.3
		3	O	-			21.8	32.90	0.01	-	1.2	0.5
		4	O	-			21.9	32.97	0.01	-	1.4	0.5
12/8	1051				0	3						
		1	P	0.1			14.9	31.36	0.03	0.7	2.0	0.5
		2	P	0.0			15.0	31.49	0.03	0.7	1.8	0.2
		3	O	-			15.3	31.91	0.04	0.2	1.2	0.1
		4	P	0.0			15.8	32.38	0.03	1.0	3.0	0.2

STATION 19 Depth of 36 feet 27°32.2' N. 82°50' W.

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958												
10/2	1506				5	"						
		1	P	0.0			29.8	34.67	0.03	1.0	1.6	0.1
		2	P	0.0			30.0	34.60	0.06	1.2	1.8	0.4
		3	P	0.0			28.9	34.42	0.03	1.1	1.8	0.3
		4	P	0.2			28.9	34.45	0.02	1.2	2.0	0.2
11/4	1148				5	"						
		1	P	0.0			22.1	33.35	0.03	1.6	2.1	0.2
		2	O	"			22.1	33.39	0.03	1.4	2.1	0.2
		3	O	"			22.2	33.46	0.04	1.3	1.6	0.1
		4	O	"			22.4	33.71	0.05	0.8	1.2	0.4
12/9	1204				0	11						
		1	O	"			22.4	32.84	0.05	2.3	3.0	1.3
		2	O	"			22.2	32.84	0.04	2.1	2.7	0.1
		3	O	"			22.2	33.19	0.03	1.3	1.8	0.2
		4	O	"			22.2	33.37	0.03	0.8	1.0	0.4
1959												
1/20	1136				4	8						
		1	O	"			13.7	32.48	0.07	0.9	1.1	0.2
		2	O	"			13.5	32.48	0.03	0.9	1.0	0.0
		3	O	"			13.4	32.70	0.03	0.4	0.5	0.2
		4	O	"			13.8	32.84	0.03	0.4	0.6	0.4
2/17	1203				8	22						
		1	P	0.2			20.5	33.42	0.02	0.4	0.8	0.7
		2	P	0.0			20.5	33.40	0.00	0.4	0.9	0.1
		3	P	0.1			20.4	33.40	0.02	0.4	0.9	0.7
		4	O	"			20.3	33.40	0.01	0.4	0.9	0.2
3/10	1116				4	10						
		1	O	"			18.9	32.54	0.05	2.3	2.9	0.2
		2	O	"			18.5	33.62	0.03	0.8	1.3	0.4
		3	P	0.0			18.5	33.78	0.08	0.7	1.0	0.3
		4	O	"			18.6	33.69	0.06	0.7	1.1	0.2
4/7	1545				4	22						
		1	O	"			23.3	32.29	0.03	3.4	3.4	0.1
		2	O	"			22.0	32.36	0.03	2.7	3.3	0.3
		3	O	"			21.3	32.83	0.03	2.0	2.2	0.1
		4	O	"			21.2	33.87	0.03	1.4	1.8	0.1
5/12	1146				2	28						
		1	O	"			25.6	34.67	0.03	1.0	1.3	2.8
		2	O	"			25.5	34.67	0.03	1.0	1.3	2.4
		3	P	0.0			25.5	34.69	0.03	1.1	1.4	2.4
		4	O	"			25.6	34.63	0.03	1.0	1.3	2.4

STATION 19 (Cont'd)

Date	Time	Depth	G. breve		CA	Tr.	°C.	Sal.	Cu.	PO_4		NO_3-
			C.	M.						In.	Tot.	NO_2
6/2	0823				2	14						
		1	O	-			27.4	34.79	0.06	0.5	0.9	0.0
		2	P	0.0			27.4	34.96	0.05	0.3	0.9	0.2
		3	O	-			27.4	34.74	0.03	0.4	0.9	0.3
		4	O	-			27.4	34.79	0.04	0.4	0.9	0.3
7/1	0956				3	16						
		1	O	-			30.2	32.70	0.02	3.3	4.8	0.1
		2	O	-			30.2	32.75	0.02	3.7	4.5	0.3
		3	P	0.0			29.7	34.23	0.03	1.7	2.7	0.2
		4	O	-			29.8	34.33	0.04	0.5	0.8	0.3
8/17	1243				4	20						
		1	P	0.1			29.8	31.89	0.01	0.8	1.1	0.4
		2	P	0.1			28.8	31.17	0.01	0.7	0.8	0.4
		3	O	-			28.7	32.66	0.00	0.8	0.9	0.3
		4	O	-			28.6	32.81	0.00	0.8	0.8	1.3
9/10	1309				4	10						
		1	P	0.1			29.9	29.78	0.00	3.7	4.3	0.1
		2	P	1.1			29.0	31.71	0.01	2.0	2.7	0.0
		3	P	0.4			29.1	33.37	0.02	0.9	1.0	0.8
		4	P	0.0			29.1	33.58	0.01	0.7	0.9	0.2
10/22	1450				9	16						
		1	P	0.4			27.2	33.37	0.03	0.5	1.0	0.2
		2	P	0.4			27.2	33.48	0.02	0.7	0.9	0.4
		3	P	0.0			27.2	33.58	0.02	0.5	1.0	0.1
		4	P	0.0			27.2	33.58	0.02	0.8	1.0	0.3
11/12	1121				7	10						
		1	O	-			21.7	31.82	0.03	3.3	4.2	0.2
		2	O	-			21.8	32.88	0.03	1.2	1.8	0.4
		3	O	-			21.9	32.38	0.03	2.2	3.0	0.1
		4	O	-			22.0	33.06	0.03	-	1.5	0.5
12/8	1105				0	$3\frac{1}{2}$						
		1	P	0.0			15.0	31.56	0.03	1.3	1.7	0.2
		2	O	-			15.2	31.60	0.03	1.2	1.7	0.3
		3	O	-			16.2	32.03	0.04	0.8	1.5	
		4	O	-			16.3	32.61	0.04	1.3	2.4	0.2

STATION 20 Depth of 32 feet 27°31.8' N. 82°49.4' W.

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958												
10/2	1520				5	-						
		1	P	0.1			29.6	34.60	0.04	1.0	1.8	0.2
		2	P	0.0			29.2	34.49	0.03	0.9	1.5	0.4
		3	P	0.0			29.2	34.49	0.03	1.0	1.6	0.2
		4	P	0.0			29.2	34.52	0.03	1.1	1.9	0.1
11/4	1207				5	-						
		1	P	0.0			21.7	32.97	0.05	2.8	3.4	0.2
		2	O	-			22.0	33.53	0.03	1.3	1.9	0.7
		3	O	-			22.1	33.64	0.03	1.0	1.5	0.0
		4	O	-			22.2	33.75	0.05	1.0	1.4	0.4
12/9	1220				0	$8\frac{1}{2}$						
		1	P	0.0			22.4	32.72	0.03	2.8	3.8	0.2
		2	O	-			22.3	32.75	0.03	2.6	3.3	0.2
		3	O	-			22.3	33.10	0.03	1.4	2.0	0.2
		4	O	-			22.3	33.19	0.03	1.0	1.9	0.2
1959												
1/20	1155				4	9						
		1	P	0.0			13.7	32.38	0.03	1.0	1.1	0.3
		2	O	-			13.5	32.48	0.03	0.9	1.0	0.2
		3	O	-			13.6	32.43	0.03	0.9	1.0	0.3
		4	O	-			13.7	32.61	0.03	0.5	0.7	0.0
2/17	1220				8	$16\frac{1}{2}$						
		1	P	0.1			20.5	33.46	0.03	0.4	1.0	0.1
		2	P	0.0			20.5	33.42	0.02	0.5	0.9	0.3
		3	P	0.0			20.4	33.40	0.03	0.5	0.9	0.3
		4	P	0.0			20.4	33.40	0.03	0.4	0.9	0.6
3/10	1130				4	13						
		1	O	-			19.7	32.63	0.06	2.6	3.0	0.3
		2	O	-			18.6	33.26	0.05	1.4	1.7	0.2
		3	O	-			18.5	33.68	0.05	0.8	1.2	0.4
		4	O	-			18.6	33.66	0.05	1.3	3.0	0.4
4/7	1530				4	22						
		1	P	0.0			23.5	32.57	0.03	2.8	3.0	0.1
		2	P	0.0			22.5	32.50	0.05	2.3	2.9	0.0
		3	P	0.0			21.6	32.95	0.03	1.9	2.5	0.2
		4	P	0.0			21.8	33.24	0.03	1.5	2.0	1.2
5/12	1201				2	24						
		1	O	-			25.6	34.63	0.03	1.1	1.2	1.9
		2	O	-			25.6	34.63	0.01	1.0	1.2	2.4
		3	O	-			25.5	34.58	0.02	1.1	1.6	2.7
		4	O	-			25.6	34.67	0.02	0.9	1.3	1.2

STATION 20 (Cont'd)

Date	Time	Depth	G. breve		CA	Tr.	°C.	Sal.	Cu.	PO_4		NO_3-
			C.	M.						In.	Tot.	NO_2
6/2	0807				2	9						
		1	O	-			27.5	34.79	0.04	0.5	0.9	1.2
		2	O	-			27.4	34.83	0.04	0.5	1.2	0.7
		3	O	-			27.5	34.72	0.04	0.6	1.1	0.3
		4	O	-			27.5	34.75	0.04	0.5	1.0	0.5
7/1	1012				3	17						
		1	O	-			31.0	32.39	0.02	4.1	5.5	0.1
		2	O	-			30.0	32.36	0.05	4.1	5.5	0.1
		3	O	-			29.7	33.84	0.03	1.7	2.6	0.1
		4	O	-			29.7	35.25	0.02	0.6	1.1	0.4
8/17	1256				4	22						
		1	P	0.3			30.7	31.69	0.02	0.5	0.8	1.0
		2	P	0.0			29.0	31.76	0.00	0.7	1.0	0.4
		3	P	0.0			28.7	32.18	0.00	0.6	1.1	1.2
		4	O	-			28.7	32.30	0.00	0.8	0.8	0.7
9/10	1255				4	$11\frac{1}{2}$						
		1	O	-			29.6	29.94	0.04	3.8	4.3	0.1
		2	P	1.7			29.2	31.67	0.03	2.0	2.4	0.1
		3	P	0.6			29.2	33.31	0.00	0.9	1.0	0.1
		4	P	0.5			29.2	33.51	0.02	0.6	0.9	0.2
10/22	1500				9	-						
		1	P	0.0			27.2	33.03	0.03	0.4	1.1	0.2
		2	O	-			27.2	33.40	0.02	0.7	1.0	0.5
		3	O	-			27.2	33.49	0.03	0.8	0.8	0.3
		4	O	-			27.2	33.49	0.01	0.7	1.0	0.1
11/12	1132				7	$12\frac{1}{2}$						
		1	O	-			21.8	32.21	0.04	-	3.3	0.2
		2	O	-			22.0	32.21	0.03	-	2.9	0.4
		3	O	-			22.0	33.03	0.05	0.9	1.4	0.2
		4	O	-			22.0	33.06	0.03	0.9	1.4	0.9
12/8	1116				0	$3\frac{1}{2}$						
		1	P	0.0			15.2	31.64	0.04	0.8	1.4	0.3
		2	O	-			15.1	31.64	0.04	1.2	1.3	0.6
		3	O	-			15.4	31.67	0.04	0.5	1.5	0.5
		4	O	-			16.0	32.38	0.06	0.2	1.6	0.2

STATION 21 Depth of 48 feet 27°35.8' N. 82°57.1' W.

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958												
10/1	0708				7	-						
		1	P	0.0			29.0	34.65	0.04	1.1	1.9	0.5
		2	O	-			29.0	34.51	0.05	0.5	1.1	0.8
		3	O	-			29.0	34.55	0.03	0.6	1.3	0.2
		4	P	0.0			29.0	34.61	0.07	0.5	0.9	0.1
11/14	0836				0	-						
		1	P	0.1			23.0	34.22	0.02	0.5	0.7	0.1
		2	P	0.1			23.0	34.25	0.01	0.5	0.6	0.3
		3	P	0.0			23.0	34.40	0.02	0.3	0.6	0.3
		4	P	0.0			23.0	34.52	0.02	0.4	0.5	0.4
12/8	0924				7	28						
		1	P	0.6			21.6	33.78	0.03	0.3	0.5	1.4
		2	P	0.2			21.6	33.75	0.03	0.2	0.6	0.5
		3	P	0.0			21.8	33.93	0.03	0.1	0.5	1.6
		4	P	0.0			21.9	34.02	0.03	0.2	0.5	0.2
1959												
1/15	0837				4	18						
		1	O	-			13.7	31.76	0.03	0.3	0.5	0.4
		2	O	-			14.9	32.41	0.03	0.3	0.3	0.4
		3	O	-			15.9	34.29	0.02	0.3	0.3	0.4
		4	O	-			15.9	34.29	0.03	0.2	0.3	0.4
2/16	0939				7	25						
		1	O	-			19.4	33.77	0.04	0.4	0.4	0.2
		2	P	0.0			19.3	33.77	0.02	0.3	0.4	0.2
		3	O	-			19.4	33.91	0.02	0.3	0.7	0.3
		4	O	-			19.0	33.95	0.02	0.4	0.8	0.6
3/11	0819				0	20						
		1	P	0.0			18.7	33.82	0.03	0.7	0.8	0.2
		2	P	0.0			18.6	33.84	0.02	0.5	0.7	0.3
		3	O	-			18.7	34.81	0.02	0.4	0.6	0.4
		4	O	-			18.7	34.81	0.02	0.2	0.5	0.2
4/1	0721				7	23						
		1	P	0.0			20.7	32.97	0.02	1.5	2.6	0.0
		2	P	0.0			20.5	33.66	0.01	0.6	0.9	0.9
		3	P	0.0			20.1	33.82	0.01	0.7	1.1	0.1
		4	O	-			20.0	33.91	0.01	0.7	1.0	0.2
5/5	0912				0	32						
		1	P	0.0			24.0	34.16	0.02	1.6	2.0	0.2
		2	O	-			23.9	34.25	0.02	1.6	1.9	0.1
		3	O	-			23.4	34.33	0.03	1.1	1.6	0.5
		4	O	-			22.6	34.85	0.02	0.8	1.1	0.2

STATION 21 (Cont'd)

Date	Time	Depth	G. breve		CA	Tr.	°C.	Sal.	Cu.	PO_4		NO_3- NO_2
			C.	M.						In.	Tot.	
6/11	0822				7	27						
		1	P	0.0			27.9	35.26	0.05	0.8	1.1	1.2
		2	O	-			27.9	35.28	0.06	0.7	1.3	1.0
		3	O	-			27.9	35.26	0.05	0.6	0.9	0.5
		4	O	-			27.8	35.32	0.07	0.6	1.0	0.9
7/22	0741				2	24						
		1	O	-			30.6	34.42	0.06	0.4	1.0	0.5
		2	O	-			30.6	34.42	0.06	0.5	0.7	0.1
		3	O	-			30.6	34.52	0.07	0.4	1.0	0.2
		4	P	0.0			30.6	34.42	0.08	0.4	0.9	0.2
8/26	0815				0	33						
		1	O	-			28.9	35.16	0.02	0.4	0.6	0.3
		2	O	-			28.9	35.10	0.02	0.1	0.5	0.8
		3	O	-			29.0	35.19	0.02	0.4	0.5	0.4
		4	O	-			28.9	35.32	0.02	0.3	0.4	0.4
9/30	0949				2	15						
		1	P	320			27.9	33.62	0.02	0.6	1.1	0.1
		2	P	1120			28.2	33.96	0.03	0.6	1.3	0.2
		3	P	40			28.2	34.99	0.03	0.3	0.6	0.3
		4	P	12			28.1	35.35	0.02	0.3	0.6	0.2
10/31	0920				4	20						
		1	O	-			26.3	34.51	0.09	0.2	0.6	0.1
		2	O	-			26.2	34.56	0.10	0.1	0.5	0.2
		3	P	0.0			26.2	34.51	0.10	0.1	0.6	0.4
		4	O	-			26.3	34.61	0.10	0.1	0.5	0.2
11/23	0953				9	20						
		1	P	400			22.4	33.01	0.07	1.4	1.8	0.3
		2	P	160			22.7	33.01	0.05	1.1	1.8	0.8
		3	P	40			23.0	34.38	0.05	0.3	0.8	0.0
		4	P	30			23.6	34.51	0.05	0.1	0.7	0.1
12/9	0937				0	10						
		1	P	20			16.1	33.06	0.03	0.2	0.7	0.1
		2	P	0.9			16.3	33.06	0.04	0.1	0.8	0.1
		3	P	0.0			16.8	33.24	0.04	0.5	0.8	0.2
		4	P	0.0			17.1	33.55	0.04	0.1	0.7	0.4

STATION 22 Depth of 51 feet 27°32.8' N. 82°57.1' W.

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958												
10/1	0740				6	-						
		1	P	0.2			29.1	34.87	0.02	0.4	0.9	0.3
		2	O	-			29.1	34.78	0.05	0.3	0.8	0.1
		3	O	-			29.1	34.78	0.07	0.3	0.7	0.6
		4	O	-			29.1	34.78	0.04	0.3	0.8	0.3
11/14	0859				3	-						
		1	P	0.4			25.0	34.31	0.02	0.7	0.8	0.4
		2	P	0.0			25.0	34.31	0.02	0.5	0.6	0.3
		3	P	0.0			25.1	34.31	0.03	0.4	0.8	0.1
		4	P	0.1			25.1	34.40	0.02	0.4	0.7	0.5
12/8	0946				7	27						
		1	P	0.2			21.8	34.07	0.03	0.1	0.4	0.3
		2	P	0.3			21.9	34.07	0.03	0.2	0.4	2.2
		3	P	0.0			21.9	34.07	0.03	0.2	0.5	3.6
		4	O	-			22.0	34.11	0.02	0.3	0.5	0.6
1959												
1/15	0900				4	21						
		1	O	-			13.6	32.07	0.04	-	0.3	0.2
		2	O	-			14.9	32.41	0.03	0.3	0.5	0.5
		3	O	-			16.0	33.89	0.02	0.3	0.3	0.4
		4	O	-			15.9	34.33	0.02	0.3	0.3	0.4
2/16	1026				6	26½						
		1	P	0.0			19.8	34.02	0.03	0.4	0.6	0.1
		2	P	0.0			19.5	34.04	0.02	0.5	0.5	0.3
		3	P	0.0			19.8	34.22	0.02	0.3	0.7	0.1
		4	O	-			18.2	34.13	0.02	0.3	1.2	0.1
3/11	0844				0	20½						
		1	P	0.0			18.8	34.02	0.03	0.6	0.8	0.1
		2	O	-			18.7	34.02	0.02	0.6	0.7	0.1
		3	O	-			18.7	34.67	0.04	0.2	0.5	0.2
		4	O	-			18.8	35.01	0.02	0.2	0.5	0.1
4/1	0748				8	19						
		1	P	0.0			20.8	33.91	0.03	0.5	0.7	0.1
		2	P	0.0			20.4	33.91	0.03	0.6	0.8	0.1
		3	O	-			20.0	33.98	0.01	0.5	0.8	0.2
		4	P	0.0			20.0	34.25	0.00	0.4	0.7	0.3
5/5	0937				0	30						
		1	O	-			24.6	33.86	0.03	1.9	2.7	0.2
		2	O	-			24.3	34.20	0.02	1.5	2.1	0.4
		3	O	-			23.4	34.51	0.02	1.0	1.4	0.3
		4	O	-			23.3	35.03	0.02	0.6	1.1	0.2

STATION 22 (Cont'd)

Date	Time	Depth	G. breve		CA	Tr.	°C.	Sal.	Cu.	PO_4		NO_3-NO_2
			C.	M.						In.	Tot.	
6/11	0847				7	24						
		1	O	-			27.7	35.70	0.03	0.5	0.8	0.9
		2	O	-			27.7	35.59	0.03	0.5	0.7	0.7
		3	O	-			27.7	35.59	0.02	0.7	0.9	1.5
		4	O	-			27.6	35.59	0.05	0.6	0.7	1.1
7/22	0809				2	25						
		1	O	-			30.5	34.45	0.03	0.4	0.9	0.1
		2	O	-			30.5	34.33	0.02	0.3	0.6	0.2
		3	O	-			30.5	34.49	0.03	0.3	0.7	0.1
		4	O	-			30.4	34.42	0.02	0.3	0.6	0.6
8/26	0840				0	$29\frac{1}{2}$						
		1	O	-			28.9	35.34	0.02	0.4	0.4	0.4
		2	O	-			28.9	35.34	0.02	0.4	0.5	0.5
		3	O	-			29.0	35.32	0.02	0.4	0.4	0.6
		4	O	-			29.0	35.39	0.01	0.6	0.6	0.8
9/30	1012				2	20						
		1	P	4.7			28.0	33.95	0.02	0.5	1.0	0.1
		2	P	1330			28.2	34.25	0.03	0.5	1.1	0.1
		3	P	50			28.1	34.90	0.02	0.3	0.5	0.3
		4	P	30			28.0	35.35	0.04	0.3	0.6	0.2
10/31	0937				4	21						
		1	O	-			26.4	34.61	0.09	0.3	0.5	0.3
		2	P	0.0			26.4	34.61	0.09	0.1	0.5	0.2
		3	O	-			26.4	34.61	0.09	0.4	0.4	0.1
		4	O	-			26.4	34.56	0.08	0.3	0.6	0.2
11/23	1017				9	18						
		1	P	340			22.6	33.44	0.05	0.7	1.3	0.3
		2	P	380			22.6	33.44	0.05	0.7	1.3	0.4
		3	P	40			23.4	34.60	0.05	0.3	0.6	0.2
		4	P	30			23.8	34.69	0.05	0.2	0.7	0.2
12/9	1004				0	$10\frac{1}{2}$						
		1	P	6.0			16.6	33.33	0.04	0.5	0.6	0.3
		2	P	9.0			16.7	33.33	0.07	0.5	0.8	0.0
		3	P	8.0			17.0	33.40	0.02	0.5	0.8	1.0
		4	P	0.0			17.5	33.71	0.04	0.2	0.7	0.6

STATION 23 Depth of 78 feet 27°35.8' N. 83°08.2' W.

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958												
10/1	0856				6	-						
		1	P	0.1			29.0	35.25	0.03	0.2	0.5	0.1
		2	P	0.0			29.0	35.01	0.05	0.1	0.5	1.0
		3	P	0.0			29.0	35.05	0.03	0.2	0.5	1.4
		4	O	-			29.0	34.79	0.03	0.1	0.4	0.2
11/14	1048				3	-						
		1	P	0.1			24.5	34.97	0.02	0.2	0.5	0.1
		2	P	0.2			24.4	34.97	0.02	0.3	0.3	0.1
		3	P	0.0			24.5	35.14	0.01	0.2	0.4	0.2
		4	O	-			25.2	35.03	0.02	0.2	0.4	0.3
12/8	1100				7	30						
		1	P	1.9			22.4	34.69	0.03	0.1	0.3	2.0
		2	O	-			22.4	34.69	0.03	0.2	0.4	0.7
		3	P	0.2			22.5	34.70	0.03	0.2	0.3	1.4
		4	P	0.0			22.7	34.99	0.02	0.2	0.5	1.4
1959												
1/15	1016				4	44						
		1	O	-			15.2	34.07	0.03	0.3	0.3	0.5
		2	O	-			16.2	34.54	0.03	0.3	0.3	0.3
		3	O	-			16.5	34.90	0.03	0.3	0.3	0.2
		4	O	-			16.5	35.01	0.07	0.3	0.3	0.4
2/16	1145				6	$32\frac{1}{2}$						
		1	O	-			21.0	34.99	0.02	0.2	0.7	0.5
		2	O	-			20.5	34.99	0.02	0.2	0.3	0.2
		3	O	-			19.2	35.26	0.02	0.2	0.2	0.0
		4	O	-			17.0	34.99	0.02	0.3	0.8	0.8
3/11	0954				0	21						
		1	O	-			20.4	34.88	0.02	0.4	0.5	0.2
		2	O	-			20.3	34.78	0.03	0.3	0.4	0.1
		3	O	-			20.0	34.85	0.02	0.4	0.5	0.1
		4	O	-			20.2	35.44	0.02	0.4	0.6	0.1
4/1	0900				4	38						
		1	P	0.0			20.2	34.99	0.03	0.4	0.7	0.2
		2	O	-			20.0	35.05	0.04	0.4	1.4	0.0
		3	O	-			19.8	35.14	0.03	0.4	1.1	0.2
		4	O	-			19.4	35.26	0.03	0.4	0.6	0.0
5/5	1049				0	48						
		1	O	-			23.9	34.79	0.03	1.3	2.8	0.2
		2	O	-			23.9	34.65	0.02	0.6	0.9	0.2
		3	O	-			21.9	35.21	0.02	0.4	0.7	0.2
		4	P	0.0			22.0	35.73	0.02	0.3	0.7	0.3

STATION 23 (Cont'd)

Date	Time	Depth	G. breve		CA	Tr.	°C.	Sal.	Cu.	PO_4		NO_3-NO_2
			C.	M.						In.	Tot.	
6/11	0957				7	30						
		1	O	-			27.5	35.91	0.02	0.5	0.7	0.8
		2	O	-			27.5	35.88	0.01	0.2	0.5	0.3
		3	O	-			27.3	36.11	0.02	0.6	0.7	1.0
		4	O	-			26.7	35.97	0.03	0.5	0.7	1.2
7/22	1033				2	$34\frac{1}{2}$						
		1	O	-			30.2	35.90	0.02	0.2	0.5	0.2
		2	O	-			30.2	35.90	0.02	0.5	0.5	0.1
		3	O	-			30.2	35.93	0.02	0.5	0.6	0.1
		4	O	-			30.2	36.04	0.02	0.3	0.5	0.3
8/26	0952				0	41						
		1	P	0.1			29.4	35.75	0.02	0.4	0.4	0.5
		2	P	0.0			29.3	35.82	0.02	0.4	0.4	0.2
		3	P	0.0			29.5	35.90	0.02	0.2	0.3	0.4
		4	P	0.0			29.8	35.90	0.02	0.1	0.4	0.7
9/30	1126				2	$35\frac{1}{2}$						
		1	P	10			28.1	33.15	0.02	0.6	1.0	0.0
		2	P	26			27.7	33.21	0.03	0.6	0.9	0.2
		3	P	12			27.9	35.28	0.03	0.2	0.5	0.4
		4	P	6.0			27.8	35.62	0.03	0.2	0.5	0.1
10/31	1036				4	$35\frac{1}{2}$						
		1	O	-			27.1	35.01	0.05	0.2	0.4	0.1
		2	O	-			27.1	35.01	0.04	0.1	0.5	0.1
		3	O	-			27.2	35.07	0.04	0.1	0.4	0.2
		4	O	-			27.2	35.10	0.04	0.2	0.4	0.3
11/23	1122				9	27						
		1	P	1.6			23.9	34.92	0.05	0.4	0.4	0.6
		2	P	2.4			24.0	34.92	0.03	0.2	0.6	0.1
		3	P	0.4			23.9	34.87	0.06	0.1	0.6	0.2
		4	P	2.0			23.9	34.92	0.03	0.4	0.4	0.2
12/9	1105				0	16						
		1	P	2.8			18.6	34.56	0.03	0.5	0.7	1.1
		2	P	1.9			18.6	34.54	0.04	0.3	0.7	0.2
		3	P	1.5			18.6	34.56	0.03	0.7	0.7	0.1
		4	P	1.5			18.7	34.61	0.02	0.2	0.7	0.1

STATION 24 Depth of 80 feet 27°32.8' N. 83°08.2' W.

Date	Time	Depth	G. breve		CA	Tr.	°C.	Sal.	Cu.	PO_4		NO_3-NO_2
			C.	M.						In.	Tot.	
1958												
10/1	0830				6	-						
		1	P	0.0			29.1	35.12	0.03	0.2	0.5	0.1
		2	O	-			29.0	35.26	0.05	0.1	0.4	0.5
		3	P	0.0			29.0	35.12	0.03	0.1	0.5	0.4
		4	O	-			29.1	35.17	0.03	0.2	0.8	0.4
11/14	0948				3	-						
		1	P	0.4			24.3	35.25	0.01	0.2	0.4	0.5
		2	P	0.1			24.3	35.17	0.02	0.3	0.4	0.5
		3	P	0.2			24.3	35.14	0.02	0.2	0.4	0.1
		4	P	0.1			24.5	35.21	0.01	0.2	0.4	0.2
12/8	1033				7	36						
		1	P	1.2			22.4	34.78	0.03	0.2	0.5	0.5
		2	P	0.4			22.4	34.78	0.03	0.2	0.4	
		3	P	0.2			22.6	34.88	0.03	0.2	0.4	0.3
		4	P	0.4			22.6	34.99	0.03	0.2	0.4	1.5
1959												
1/15	0946				4	$42\frac{1}{2}$						
		1	O	-			16.5	34.97	0.00	0.2	0.4	0.5
		2	O	-			16.5	34.87	0.03	0.2	0.4	0.3
		3	O	-			16.7	34.99	0.03	0.3	0.3	0.3
		4	O	-			16.8	34.90	0.04	0.3	0.3	0.3
2/16	1112				6	30						
		1	O	-			19.8	35.10	0.03	0.3	0.8	0.2
		2	O	-			19.0	35.21	0.03	0.2	0.8	0.3
		3	O	-			19.5	35.21	0.02	0.2	0.6	0.2
		4	O	-			17.5	35.16	0.02	0.3	0.7	0.2
3/11	0929				0	26						
		1	P	0.0			20.5	34.96	0.02	0.4	0.6	0.1
		2	O	-			20.4	34.81	0.02	0.2	0.5	0.1
		3	O	-			20.2	35.91	0.02	0.4	0.4	0.1
		4	P	0.0			20.8	35.75	0.02	0.4	0.5	0.3
4/1	0836				7	33						
		1	P	0.0			20.3	35.08	0.03	0.3	0.6	0.1
		2	O	-			20.6	35.23	0.02	0.3	0.5	0.3
		3	O	-			20.6	35.35	0.03	0.3	0.6	0.8
		4	O	-			20.2	35.35	0.03	0.3	0.5	0.0
5/5	1025				0	31						
		1	O	-			23.7	34.51	0.02	0.7	1.0	0.9
		2	O	-			24.4	34.43	0.03	0.6	1.0	0.2
		3	O	-			22.5	35.53	0.03	0.4	0.6	0.2
		4	O	-			22.6	35.81	0.03	0.3	0.6	0.2

STATION 24 (Cont'd)

Date	Time	Depth	G. breve		CA	Tr.	°C.	Sal.	Cu.	PO_4		NO_3-NO_2
			C.	M.						In.	Tot.	
6/11	0933				7	27						
		1	O	-			27.5	35.93	0.03	0.7	1.0	0.9
		2	O	-			27.5	35.97	0.00	0.4	0.7	0.6
		3	O	-			28.1	36.02	0.00	0.3	0.5	0.8
		4	O	-			27.6	36.06	0.00	0.6	0.6	0.9
7/22	1006				2	34						
		1	O	-			30.1	36.08	0.02	0.5	0.6	0.1
		2	O	-			30.1	35.93	0.03	0.2	0.5	0.2
		3	O	-			30.1	36.04	0.02	0.4	0.6	0.1
		4	O	-			30.1	35.93	0.02	0.3	0.3	0.2
8/26	0926				0	44						
		1	P	0.0			29.8	35.82	0.01	0.4	0.4	0.3
		2	O	-			29.5	35.73	0.02	0.4	0.4	0.7
		3	P	0.0			29.7	35.82	0.01	0.1	0.5	1.1
		4	O	-			29.8	35.82	0.02	0.4	0.4	0.4
9/30	1100				2	41½						
		1	P	49			28.0	33.06	0.03	0.7	1.1	0.0
		2	P	21			27.8	33.10	0.03	0.6	1.0	0.1
		3	P	25			27.9	35.26	0.03	0.3	0.6	0.1
		4	P	5.0			27.9	35.57	0.03	0.2	0.4	0.2
10/31	1016				4	37						
		1	O	-			27.0	35.03	0.03	0.1	0.4	0.2
		2	O	-			27.0	34.61	0.03	0.2	0.5	0.3
		3	O	-			27.0	35.10	0.04	0.3	0.4	0.3
		4	O	-			27.0	35.21	0.04	0.2	0.5	0.2
11/23	1059				9	23						
		1	P	10			24.3	35.03	0.04	0.1	0.5	0.4
		2	P	2.4			24.3	35.03	0.05	0.2	0.3	0.3
		3	P	2.0			24.3	34.99	0.04	0.4	0.4	0.3
		4	P	2.0			24.3	34.99	0.03	0.2	0.4	0.1
12/9	1044				0	16						
		1	P	1.7			18.8	34.76	0.02	0.3	0.7	0.2
		2	P	1.2			18.8	34.69	0.03	0.5	0.6	0.2
		3	P	2.0			18.8	34.74	0.04	0.4	0.6	0.1
		4	P	0.7			18.8	34.69	0.03	0.3	0.7	0.2

STATION 25 Depth of 101 feet 27°35.8' N. 83°19.5' W.

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958												
10/1	0946				6	-						
		1	O	-			29.0	35.25	0.03	0.1	0.4	0.0
		2	P	0.0			29.2	35.14	0.01	0.1	0.3	0.4
		3	P	0.0			29.0	35.21	0.09	0.2	0.3	0.2
		4	O	-			28.3	35.39	0.09	0.0	0.3	0.0
11/14	1140				0	-						
		1	P	4.9			25.2	35.41	0.02	0.2	0.4	0.2
		2	P	2.1			25.2	35.41	0.01	0.3	0.3	0.2
		3	P	2.6			26.1	35.37	0.02	0.3	0.3	0.2
		4	P	1.8			25.1	35.46	0.01	0.1	0.3	0.1
12/8	1148				7	32						
		1	P	0.5			22.9	35.32	0.03	0.2	0.3	0.2
		2	P	0.2			22.9	35.32	0.03	0.2	0.3	1.3
		3	P	0.4			22.9	35.34	0.03	0.3	0.4	1.3
		4	P	0.0			22.8	35.32	0.02	1.9	2.4	1.1
1959												
1/15	1104				4	40						
		1	P	0.0			17.3	35.39	0.04	0.2	0.3	0.2
		2	O	-			17.2	35.37	0.03	0.3	0.4	0.5
		3	O	-			17.2	35.26	0.03	0.4	0.4	0.1
		4	O	-			19.4	35.43	0.03	0.3	0.5	0.1
2/16	1235				4	35						
		1	O	-			20.0	35.41	0.02	0.2	0.3	0.2
		2	O	-			19.8	35.70	0.03	0.2	0.2	0.1
		3	O	-			19.5	35.97	0.02	0.2	0.6	0.6
		4	O	-			18.6	35.77	0.03	0.2	0.8	0.1
3/11	1042				0	37						
		1	P	0.0			20.3	35.68	0.03	0.4	0.5	0.1
		2	O	-			20.4	35.68	0.02	0.2	0.9	0.1
		3	O	-			20.6	35.68	0.02	0.2	0.4	0.1
		4	O	-			20.8	35.82	0.02	0.4	0.5	0.2
4/1	0954				4	36½						
		1	P	0.0			20.4	35.32	0.03	0.3	0.6	0.0
		2	P	0.0			19.9	35.57	0.03	0.2	0.5	0.5
		3	O	-			20.0	35.71	0.03	0.4	0.6	0.1
		4	O	-			19.6	35.75	0.03	0.4	0.6	0.2
5/5	1145				0	39						
		1	O	-			23.4	34.81	0.05	0.6	1.0	0.5
		2	O	-			23.2	34.81	0.03	0.5	0.9	1.2
		3	O	-			21.9	35.73	0.04	0.3	0.6	1.2
		4	O	-			21.6	36.13	0.02	0.3	0.6	1.9

STATION 25 (Cont'd)

Date	Time	Depth	G. breve		CA	Tr.	°C.	Sal.	Cu.	PO_4		NO_3-NO_2
			C.	M.						In.	Tot.	
6/11	1044				7	34						
		1	O	-			27.0	36.18	0.01	0.5	0.6	0.9
		2	O	-			27.0	36.18	0.02	0.3	0.5	1.3
		3	O	-			26.9	36.18	0.01	0.3	0.7	0.9
		4	O	-			25.9	36.18	0.00	0.4	0.6	0.8
7/22	1122				2	46						
		1	O	-			29.5	35.99	0.02	0.3	0.4	0.1
		2	O	-			29.4	35.88	0.02	0.2	0.5	0.2
		3	O	-			29.4	35.90	0.02	0.1	0.4	0.1
		4	O	-			29.0	36.11	0.03	0.3	0.6	0.2
8/26	1042				0	58½						
		1	P	0.0			28.8	35.57	0.01	0.0	0.2	0.5
		2	P	0.0			29.0	35.57	0.01	0.4	0.4	0.3
		3	P	0.0			29.2	35.57	0.01	0.5	0.5	0.7
		4	O	-			28.7	35.64	0.02	0.3	0.5	0.5
9/30	1215				2	48½						
		1	P	0.0			28.2	34.04	0.03	1.1	1.5	0.1
		2	O	-			28.4	34.60	0.03	0.6	0.8	0.1
		3	O	-			28.3	35.44	0.00	0.2	0.5	0.3
		4	O	-			28.2	35.57	0.01	0.1	0.5	0.2
10/31	1115				4	56						
		1	O	-			27.5	35.53	0.03	0.1	0.3	0.4
		2	O	-			27.4	35.57	0.01	0.2	0.3	0.3
		3	O	-			27.4	35.53	0.01	0.5	0.5	0.2
		4	O	-			27.4	35.53	0.06	0.2	0.3	0.3
11/23	1210				9	27						
		1	P	0.6			24.6	34.99	0.04	0.2	0.6	0.2
		2	P	0.6			24.6	34.99	0.05	0.1	0.5	0.3
		3	P	0.1			24.7	35.03	0.04	0.4	0.7	0.3
		4	O	-			24.8	35.08	0.04	0.2	0.5	0.2
12/9	1149				0	24						
		1	P	0.0			19.6	35.35	0.02	0.2	0.6	0.2
		2	P	0.1			19.6	35.35	0.03	0.5	0.5	0.1
		3	P	0.1			19.6	35.35	0.03	0.5	0.5	0.9
		4	P	0.1			19.6	35.14	0.03	0.5	0.6	0.1

STATION 26 Depth of 106 feet 27°32.8' N. 83°19.5' W.

Date	Time	Depth	G. breve		CA	Tr.	°C.	Sal.	Cu.	PO_4		NO_3-NO_2
			C.	M.						In.	Tot.	
1958												
10/1	1015				6	-						
		1	P	0.0			29.0	35.21	0.03	0.1	0.4	0.1
		2	P	0.2			29.0	35.21	0.05	0.0	0.4	0.4
		3	O	-			29.0	35.21	0.09	0.1	0.4	0.2
		4	O	-			27.2	35.28	0.04	0.3	0.7	0.0
11/14	1204				0	-						
		1	P	0.4			26.0	35.46	0.02	0.2	0.5	0.1
		2	P	0.2			25.9	35.46	0.03	0.2	0.3	0.2
		3	P	0.1			25.8	35.44	0.02	0.3	-	0.3
		4	P	0.2			25.6	35.43	0.02	0.3	0.3	0.2
12/8	1217				7	42						
		1	P	3.8			22.6	35.07	0.03	0.1	0.3	3.2
		2	P	0.6			22.8	34.99	0.03	0.3	0.5	2.4
		3	P	0.5			23.0	35.32	0.03	0.2	0.4	2.4
		4	P	0.4			23.0	35.44	0.03	0.2	0.4	2.3
1959												
1/15	1135				4	44						
		1	O	-			17.8	35.34	0.03	0.2	0.5	0.3
		2	O	-			18.2	35.46	0.03	0.3	0.5	0.2
		3	O	-			19.8	35.52	0.03	0.2	0.4	0.2
		4	O	-			20.8	35.44	0.04	0.2	0.3	0.6
2/16	1300				3	34						
		1	P	0.0			21.3	35.88	0.03	0.2	0.8	0.3
		2	O	-			20.2	35.70	0.02	0.2	0.7	0.3
		3	O	-			17.8	35.66	0.02	0.2	0.3	0.5
		4	P	0.0			17.7	35.77	0.02	0.2	0.6	0.5
3/11	1149				0	26						
		1	O	-			18.9	35.23	0.02	0.4	0.6	0.1
		2	O	-			18.8	35.30	0.01	0.4	0.4	0.1
		3	O	-			18.9	35.90	0.02	0.1	0.3	0.1
		4	O	-			19.2	36.04	0.03	0.4	0.6	0.1
4/1	1023				4	41						
		1	P	0.0			20.2	35.43	0.03	0.2	0.5	0.1
		2	O	-			19.9	35.48	0.03	0.4	0.5	0.7
		3	O	-			19.8	35.66	0.03	0.3	0.5	0.6
		4	P	0.0			19.5	35.79	0.03	0.3	0.5	0.0
5/5	1218				0	42						
		1	O	-			24.0	34.69	0.04	0.4	1.1	2.2
		2	O	-			23.8	34.56	0.02	0.5	1.0	1.5
		3	O	-			21.5	35.73	0.03	0.3	0.6	2.6
		4	O	-			21.7	35.90	0.03	0.3	0.6	1.7

STATION 26 (Cont'd)

Date	Time	Depth	G. breve		CA	Tr.	°C.	Sal.	Cu.	PO_4		NO_3-
			C.	M.						In.	Tot.	NO_2
6/11	1113				7	34						
		1	O	-			27.0	36.15	0.03	0.5	0.6	1.3
		2	O	-			27.0	36.15	0.02	0.4	0.5	1.0
		3	O	-			27.2	36.18	0.00	0.3	0.6	1.4
		4	O	-			26.1	36.15	0.01	0.6	0.6	1.0
7/22	1150				2	50						
		1	O	-			29.5	35.79	0.03	0.1	0.5	0.1
		2	P	0.0			29.0	35.75	0.02	0.4	0.5	0.2
		3	O	-			29.0	36.15	0.02	0.1	0.6	0.2
		4	O	-			28.8	36.18	0.02	0.4	0.6	0.2
8/26	1110				0	51						
		1	P	0.1			29.1	35.50	0.02	0.1	0.4	0.6
		2	O	-			29.0	35.50	0.02	-	0.2	0.2
		3	O	-			29.0	35.57	0.02	0.4	0.4	0.4
		4	O	-			28.8	35.90	0.00	0.3	0.5	0.4
9/30	1241				2	$45\frac{1}{2}$						
		1	P	0.0			28.5	33.96	0.01	1.2	1.4	0.1
		2	P	0.0			28.3	35.12	0.01	0.6	0.6	0.1
		3	O	-			28.4	35.57	0.03	0.2	0.3	0.2
		4	O	-			26.3	35.57	0.03	0.2	0.2	0.1
10/31	1140				4	48						
		1	P	0.0			27.5	35.57	0.02	0.0	0.3	0.3
		2	O	-			27.5	35.62	0.02	0.1	0.3	0.3
		3	O	-			27.5	35.57	0.03	0.1	0.3	0.3
		4	O	-			27.4	35.53	0.04	0.2	0.3	0.1
11/23	1229				9	28						
		1	P	35			24.8	35.08	0.04	0.1	0.4	0.5
		2	P	26			24.9	35.08	0.05	0.2	0.5	0.2
		3	P	5.9			24.8	35.12	0.05	0.2	0.4	0.2
		4	O	-			25.1	35.30	0.05	0.2	0.5	0.6
12/9	1206				0	24						
		1	P	0.1			19.8	35.44	0.03	0.6	0.6	0.1
		2	P	0.0			19.8	35.44	0.02	0.2	0.5	0.6
		3	P	0.1			19.8	35.44	0.03	0.4	0.5	0.3
		4	P	0.0			19.8	35.44	0.02	0.4	0.5	0.2

STATION 27 Depth of 122 feet 27°35.8' N. 83°30.5' W.

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958												
10/1	1137				6	-						
		1	O	-			29.7	35.26	0.00	0.1	0.4	0.1
		2	O	-			29.0	35.25	0.02	0.1	0.3	0.2
		3	O	-			28.9	35.32	0.02	0.1	0.3	0.2
		4	O	-			24.5	35.61	0.02	0.2	0.7	1.2
11/14	1333				0	-						
		1	O	-			25.7	35.62	0.05	-	0.4	0.4
		2	P	0.1			26.2	35.70	0.04	0.2	0.4	0.2
		3	F	0.0			27.3	35.66	0.03	0.2	0.4	0.4
		4	O	-			26.4	35.66	0.04	0.4	0.4	0.2
12/8	1345				6	43						
		1	P	3.7			22.9	35.26	0.03	0.2	0.4	2.2
		2	P	1.0			22.8	35.21	0.03	0.2	0.4	2.2
		3	P	0.6			23.3	35.70	0.03	0.3	0.4	2.8
		4	P	0.0			23.4	35.81	0.03	0.3	0.4	2.6
1959												
1/15	1301				4	43						
		1	O	-			19.0	35.71	0.03	-	0.3	0.5
		2	O	-			19.0	35.86	0.03	0.3	0.5	0.1
		3	O	-			19.0	35.86	0.02	0.3	0.3	0.2
		4	O	-			19.3	35.79	0.03	0.3	0.5	0.4
2/16	1423				3	42						
		1	O	-			21.2	36.31	0.02	0.2	0.2	0.2
		2	P	0.0			20.5	36.40	0.03	0.2	0.5	0.3
		3	O	-			19.5	36.15	0.02	0.2	0.2	0.1
		4	O	-			19.3	36.04	0.02	0.2	0.6	0.5
3/11	1309				0	$36\frac{1}{2}$						
		1	O	-			19.3	36.04	0.02	0.2	0.4	0.1
		2	O	-			19.0	36.00	0.02	0.1	0.4	0.1
		3	O	-			19.0	36.13	0.02	0.3	0.4	0.9
		4	O	-			19.0	36.13	0.03	0.2	0.3	0.1
4/1	1144				4	50						
		1	O	-			21.1	36.13	0.03	0.3	0.5	1.0
		2	O	-			20.7	36.09	0.03	0.3	0.4	0.1
		3	O	-			20.8	36.09	0.03	0.3	0.4	0.2
		4	O	-			20.6	36.09	0.03	0.3	0.6	0.2
5/5	1335				0	$41\frac{1}{2}$						
		1	O	-			23.8	34.99	0.05	0.5	1.0	1.2
		2	P	0.0			22.0	35.70	0.07	0.4	0.6	1.6
		3	O	-			21.4	36.04	0.07	0.3	0.5	1.2
		4	O	-			21.2	36.18	0.06	0.3	0.6	2.5

STATION 27 (Cont'd)

Date	Time	Depth	G. breve		CA	Tr.	°C.	Sal.	Cu.	PO_4		NO_3-NO_2
			C.	M.						In.	Tot.	
6/11	1246				6	62						
		1	O	-			27.0	35.88	0.02	0.5	0.5	0.5
		2	O	-			27.2	35.93	0.02	0.5	0.5	0.4
		3	O	-			27.0	36.40	0.02	0.3	0.3	0.7
		4	O	-			25.3	36.15	0.02	0.5	0.8	0.9
7/22	1312				2	55						
		1	O	-			29.0	35.71	0.03	0.2	0.3	0.1
		2	O	-			29.0	35.91	0.03	0.1	0.4	0.2
		3	O	-			28.9	36.00	0.02	0.1	0.5	0.1
		4	O	-			28.2	36.08	0.03	0.3	0.5	0.1
8/26	1239				0	72						
		1	O	-			29.3	35.26	0.00	0.2	0.3	0.5
		2	O	-			29.0	35.26	0.00	0.2	0.2	0.4
		3	O	-			29.0	35.30	0.00	0.2	0.4	0.6
		4	O	-			27.7	36.06	0.00	0.4	0.5	0.9
9/30	1405				2	70						
		1	O	-			28.7	35.50	0.01	0.2	0.4	0.2
		2	O	-			28.2	35.44	0.00	0.1	0.3	0.2
		3	O	-			28.4	35.44	0.00	0.2	0.5	0.4
		4	O	-			23.4	35.68	0.03	0.2	0.5	0.1
10/31	1247				4	54						
		1	O	-			27.2	35.57	0.03	0.1	0.3	0.2
		2	O	-			27.7	35.57	0.03	0.3	0.3	0.1
		3	O	-			27.7	35.53	0.03	0.2	0.3	0.0
		4	O	-			27.7	35.53	0.03	0.1	0.3	0.3
11/23	1336				9	32						
		1	P	13			25.2	35.48	0.03	0.1	1.0	0.2
		2	P	8.0			25.2	35.48	0.03	0.1	0.3	0.0
		3	P	9.0			25.3	35.48	0.03	0.3	0.4	0.3
		4	P	7.0			25.8	35.48	0.03	0.1	0.3	0.6
12/9	1322				0	32						
		1	O	-			21.1	35.71	0.03	0.4	0.5	0.1
		2	O	-			21.0	35.71	0.00	0.5	0.6	0.2
		3	O	-			21.0	35.61	0.03	0.5	0.5	0.2
		4	O	-			21.1	35.68	0.03	0.5	0.5	0.6

STATION 28 Depth of 126 feet 27°32.8' N. 83°30.5' W.

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958												
10/1	1105				6	-						
		1	O	-			29.0	35.28	0.01	0.0	0.3	0.1
		2	O	-			29.0	35.25	0.02	0.1	0.3	0.4
		3	P	0.0			28.8	35.25	0.02	0.0	0.3	0.3
		4	O	-			23.9	35.81	0.00	0.3	0.8	0.2
11/14	1259				0	-						
		1	O	-			25.6	35.73	0.04	0.2	0.4	0.1
		2	O	-			26.2	35.75	0.04	0.2	0.4	0.2
		3	O	-			26.8	35.66	0.04	0.4	0.4	0.2
		4	P	0.0			26.3	35.70	0.04	0.4	0.5	0.3
12/8	1307				6	40						
		1	P	3.2			22.8	35.23	0.03	0.2	0.4	2.1
		2	P	0.5			22.9	35.44	0.04	0.2	0.5	2.2
		3	P	0.4			23.3	35.75	0.03	0.3	0.5	2.2
		4	P	0.1			23.4	35.84	0.03	0.3	0.5	2.8
1959												
1/15	1232				4	41						
		1	P	0.2			19.3	35.77	0.03	0.3	0.5	0.3
		2	P	0.0			18.5	35.71	0.02	0.4	0.5	0.2
		3	P	0.1			19.5	35.90	0.03	0.3	0.3	0.0
		4	P	0.1			19.8	35.86	0.02	-	0.3	0.1
2/16	1353				3	42						
		1	O	-			21.0	36.33	0.02	0.2	0.8	0.1
		2	O	-			20.0	36.40	0.03	0.2	0.6	0.2
		3	O	-			18.8	36.22	0.02	0.2	0.6	0.3
		4	O	-			18.6	36.22	0.05	0.2	0.3	0.3
3/11	1245				0	36						
		1	O	-			19.3	35.77	0.05	0.2	0.4	0.0
		2	O	-			19.2	36.15	0.03	0.4	0.5	0.1
		3	O	-			19.0	36.08	0.03	0.3	0.4	0.2
		4	O	-			19.2	36.22	0.03	0.3	0.4	0.3
4/1	1115				4	46						
		1	O	-			20.8	36.13	0.04	0.3	0.6	0.0
		2	O	-			20.8	36.20	0.03	0.3	0.5	0.0
		3	O	-			20.8	36.09	0.04	0.4	0.5	0.4
		4	O	-			20.4	36.13	0.03	0.4	0.5	0.1
5/5	1308				0	45						
		1	P	0.0			24.1	35.28	0.06	0.6	0.9	0.8
		2	O	-			21.7	35.86	0.08	0.3	0.5	0.8
		3	O	-			21.5	35.86	0.06	0.1	0.5	2.2
		4	P	0.0			21.4	36.22	0.07	0.3	0.6	0.9

STATION 28 (Cont'd)

Date	Time	Depth	G. breve		CA	Tr.	°C.	Sal.	Cu.	PO_4		NO_3- NO_2
			C.	M.						In.	Tot.	
6/11	1207				6	61						
		1	O	-			26.9	35.66	0.02	0.5	0.5	1.3
		2	O	-			26.6	35.86	0.03	0.5	0.5	1.2
		3	O	-			28.1	36.29	0.02	0.5	0.5	0.5
		4	O	-			26.2	36.02	0.03	0.6	0.7	0.8
7/22	1246				2	50						
		1	O	-			29.0	35.64	0.05	0.2	0.3	0.3
		2	O	-			29.2	35.62	0.05	0.2	0.3	0.2
		3	O	-			28.8	36.11	0.03	0.4	0.4	0.1
		4	O	-			28.6	36.11	0.03	0.4	0.6	0.3
8/26	1202				0	$58\frac{1}{2}$						
		1	O	-			28.9	35.21	0.00	0.5	0.5	0.7
		2	O	-			29.8	35.23	0.00	0.3	0.5	0.5
		3	O	-			29.7	35.32	0.00	0.4	0.4	0.2
		4	O	-			27.6	36.08	0.00	0.1	0.3	0.8
9/30	1337				2	63						
		1	O	-			28.6	35.50	0.01	0.2	0.3	0.1
		2	O	-			28.4	35.50	0.01	0.2	0.4	0.1
		3	O	-			28.4	35.46	0.01	0.2	0.5	0.4
		4	O	-			23.2	35.66	0.02	0.2	0.6	0.3
10/31	1222				4	61						
		1	O	-			27.2	35.53	0.02	0.2	0.3	0.1
		2	O	-			27.6	35.53	0.02	0.3	0.3	0.2
		3	O	-			27.7	35.53	0.02	0.2	0.3	0.2
		4	O	-			27.8	35.57	0.03	0.1	0.3	0.4
11/23	1314				9	31						
		1	P	1.0			25.4	35.66	0.02	0.4	0.4	0.2
		2	P	0.6			25.4	35.66	0.03	0.1	0.4	0.2
		3	P	0.6			25.4	35.62	0.02	0.1	0.4	0.2
		4	P	0.0			25.5	35.66	0.02	0.2	0.3	0.2
12/9	1257				0	35						
		1	O	-			21.0	35.71	0.01	0.4	0.4	0.1
		2	O	-			21.0	35.71	0.03	0.4	0.5	0.3
		3	O	-			21.0	35.75	0.01	0.5	0.6	0.2
		4	O	-			21.0	35.62	0.02	0.1	0.4	0.2

STATION 29 Depth of 6 feet 27°59.8' N. 82°28' W.

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958												
10/13	1045				4	-						
		1	O	-			26.2	1.10	0.05	4.6	4.9	13.7
		4	-	-			27.7	9.24	0.03	14.4	14.8	7.9
11/10	1005				5	-						
		1	O	-			24.2	1.75	0.04	3.5	4.6	8.5
		4	-	-			23.8	12.27	0.05	15.3	18.6	2.3
12/16	1115				4	-						
		1	O	-			16.9	1.32	0.02	3.2	6.4	2.4
		4	-	-			20.0	13.71	0.02	16.6	16.8	2.0
1959												
1/30	1207				2	-						
		1	O	-			18.3	0.18	0.04	2.7	3.9	1.1
		4	-	-			19.0	0.18	0.09	2.6	3.4	1.0
2/20	1145				7	-						
		1	O	-			22.0	1.29	0.02	3.4	4.0	6.3
		4	-	-			22.3	12.65	0.02	15.0	16.4	4.7
3/30	1050				7	-						
		1	O	-			20.0	0.18	0.04	5.7	6.9	1.4
		4	-	-			20.0	0.18	0.04	5.7	7.0	0.8
4/23	1055				4	-						
		1	O	-			23.0	0.18	0.04	5.1	7.0	6.8
		4	-	-			22.7	0.33	0.04	4.2	5.1	4.3
5/15	1300				4	-						
		1	O	-			27.5	0.46	0.04	5.8	5.9	11.1
		4	-	-			25.7	0.15	0.03	3.8	4.5	11.2
6/19	1103				4	-						
		1	O	-			25.5	0.37	0.04	4.6	6.0	4.9
		4	-	-			25.7	0.22	0.04	4.5	6.0	4.8
7/10	0900				6	-						
		1	O	-			27.1	0.28	0.04	7.1	8.3	10.5
		4	-	-			27.6	0.37	0.05	5.9	6.5	7.7
8/13	1112				6	-						
		1	O	-			26.0	0.40	0.06	6.0	6.0	7.8
		4	-	-			25.7	0.09	0.08	6.0	6.0	7.3
9/25	1023				3	-						
		1	O	-			25.8	0.18	0.04	5.8	6.8	2.6
		4	-	-			25.8	0.09	0.04	5.8	13.4	2.2
10/16	0905				2	-						
		1	O	-			27.5	0.18	0.07	7.9	8.6	5.0
		4	-	-			26.9	0.15	0.07	7.3	8.6	6.0

STATION 29 (Cont'd)

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
11/25	0940				0	-						
		1	O	-			21.6	0.74	0.04	3.4	3.5	10.0
		4	-	-			22.3	8.84	0.04	9.7	9.9	8.9
12/29	1010				2	-						
		1	O	-			18.9	0.64	0.03	-	4.2	12.3
		4	-	-			18.7	11.22	0.03	-	17.9	6.8

STATION 30 Depth of 5 feet 28°01.3' N. 82°27.1' W.

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958												
10/13	1130				4	-						
		1	-	-			26.5	0.09	0.05	3.7	4.2	0.7
		4	-	-			26.0	0.32	0.04	6.8	9.5	5.4
11/10	1028				5	-						
		1	-	-			22.9	0.15	0.05	2.7	2.8	4.5
		4	-	-			22.2	0.18	0.05	2.5	2.5	3.2
12/16	1140				4	-						
		1	-	-			15.6	0.04	0.02	2.0	2.5	2.4
		4	-	-			16.1	0.09	0.02	7.1	10.3	2.7
1959												
1/30	1235				2	-						
		1	-	-			18.0	0.04	0.08	2.8	3.6	1.0
		4	-	-			18.3	0.04	0.08	2.7	3.4	1.3
2/20	1212				7	-						
		1	-	-			21.1	0.09	0.03	4.2	4.4	7.2
		4	-	-			21.2	0.09	0.02	4.5	5.2	3.6
3/30	1115				7	-						
		1	-	-			20.0	0.09	0.04	5.8	7.3	1.1
		4	-	-			19.7	0.04	0.04	5.9	7.4	0.9
4/23	1130				4	-						
		1	-	-			22.5	0.04	0.08	5.5	7.2	2.8
		4	-	-			22.4	0.04	0.03	6.4	6.9	3.3
5/15	1340				4	-						
		1	-	-			26.5	0.04	0.05	4.4	6.6	10.8
		4	-	-			26.5	0.04	0.05	7.2	7.2	8.9
6/19	1136				4	-						
		1	-	-			25.4	0.04	0.05	4.8	6.7	4.2
		4	-	-			25.6	0.04	0.03	5.2	7.0	3.7
7/10	0932				6	-						
		1	-	-			27.0	0.04	0.06	7.4	7.5	4.5
		4	-	-			27.2	0.04	0.05	6.3	6.8	6.6

STATION 30 (Cont'd)

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
8/13	1150				6	-						
		1	-	-			25.7	0.04	0.08	4.9	6.0	3.6
		4	-	-			25.9	0.04	0.08	5.2	8.6	3.2
9/25	1102				3	-						
		1	-	-			25.8	0.04	0.04	5.9	7.0	4.8
		4	-	-			25.8	0.15	0.04	5.9	10.4	1.0
10/16	0940				2	-						
		1	-	-			26.5	0.04	0.09	7.3	8.1	3.3
		4	-	-			26.4	0.09	0.05	7.2	8.2	4.9
11/25	1010				0	-						
		1	-	-			20.9	0.09	0.04	3.3	3.9	9.2
		4	-	-			21.0	0.09	0.04	5.6	8.3	9.1
12/29	1036				2	-						
		1	-	-			18.3	0.18	0.03	-	4.2	8.8
		4	-	-			18.0	0.09	0.03	-	4.7	12.2

STATION 31 Depth of 5 feet 27°51.5' N. 82°21' W.

1958												
10/13	1330				4	-						
		1	O	-			27.2	11.78	0.05	-	12.1	0.4
		4	-	-			27.0	14.09	0.03	-	18.7	0.4
11/10	1155				6	-						
		1	O	-			24.2	5.75	0.05	19.7	26.9	2.3
		4	-	-			23.7	7.52	0.06	20.3	24.4	2.0
12/16	1322				4	-						
		1	O	-			16.4	2.97	0.16	24.8	25.6	3.9
		4	-	-			16.4	2.90	0.22	24.5	28.2	7.0
1959												
1/30	1405				4	-						
		1	O	-			22.0	2.02	0.08	22.0	27.5	2.4
		4	-	-			21.1	2.61	0.05	21.6	27.5	2.5
2/20	1449				6	-						
		1	O	-			22.4	3.75	0.02	21.0	28.4	5.9
		4	-	-			22.4	16.47	0.06	21.5	21.6	2.1
3/30	1245				7	-						
		1	O	-			20.5	0.04	0.06	25.6	28.1	2.7
		4	-	-			20.0	0.09	0.05	19.7	28.0	1.1
4/23	1245				4	-						
		1	O	-			23.6	0.15	0.04	28.0	29.1	4.0
		4	-	-			23.5	0.04	0.04	18.1	25.6	3.6

STATION 31 (Cont'd)

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
5/15	1540				6	-						
		1	O	-			28.7	2.09	0.08	38.6	51.1	2.0
		4	-	-			27.5	2.32	0.04	36.9	49.2	0.2
6/19	1310				4	-						
		1	O	-			25.7	0.04	0.08	37.2	42.3	1.2
		4	-	-			26.0	0.15	0.07	34.2	44.7	1.2
7/10	1136				6	-						
		1	O	-			27.1	-	0.03	40.5	48.8	7.8
		4	-	-			26.9	-	0.04	55.8	56.0	6.6
8/13	1344				6	-						
		1	O	-			27.0	0.09	0.08	42.9	52.1	5.0
		4	-	-			26.9	0.15	0.08	44.1	55.8	5.5
9/25	1240				5	-						
		1	O	-			27.2	0.09	0.04	36.7	55.8	4.1
		4	-	-			26.7	0.09	0.04	37.9	52.6	4.5
10/16	1250				4	-						
		1	O	-			28.2	0.77	0.04	51.2	51.2	9.3
		4	-	-			27.5	1.62	0.05	46.5	58.1	8.8
11/25	1255				0	-						
		1	O	-			22.0	4.11	0.04	47.9	52.1	7.1
		4	-	-			21.8	5.07	0.04	38.4	46.0	7.3
12/29	1222				2	-						
		1	O	-			19.9	3.78	0.09	-	51.2	1.1
		4	-	-			19.0	4.45	0.04	-	51.2	0.6

STATION 32 Depth of 7 feet 27°52' N. 82°20' W.

1958												
10/13	1300				4	-						
		1	-	-			26.8	5.79	0.08	-	18.3	1.4
		4	-	-			27.0	7.43	0.03	-	21.6	1.8
11/10	1136				6	-						
		1	-	-			23.8	0.52	0.05	22.9	28.2	3.7
		4	-	-			23.0	5.12	0.05	21.4	29.5	2.5
12/16	1300				6	-						
		1	-	-			16.7	1.01	0.03	20.2	26.9	4.0
		4	-	-			18.3	14.79	0.01	22.8	25.6	
1959												
1/30	1335				4	-						
		1	-	-			20.7	0.04	0.05	24.4	28.8	3.9
		4	-	-			19.5	0.18	0.05	21.9	28.0	3.6

STATION 32 (Cont'd)

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
2/20	1424				6	-						
		1	-	-			21.4	0.28	0.02	21.8	25.0	7.1
		4	-	-			21.2	0.60	0.02	24.1	28.4	5.9
3/30	1222				7	-						
		1	-	-			20.0	0.04	0.03	22.9	27.9	1.3
		4	-	-			20.0	0.09	0.04	24.4	27.8	1.5
4/23	1220				4	-						
		1	-	-			22.5	0.15	0.05	28.0	29.1	2.8
		4	-	-			22.3	0.04	0.05	24.4	26.0	2.8
5/15	1500				6	-						
		1	-	-			26.7	0.28	0.05	41.8	52.0	11.3
		4	-	-			26.3	0.33	0.06	36.2	53.0	11.2
6/19	1233				4	-						
		1	-	-			25.6	0.04	0.08	37.2	42.8	1.0
		4	-	-			26.0	0.04	0.08	37.2	43.3	0.7
7/10	1110				6	-						
		1	-	-			26.0	0.22	0.07	43.3	58.1	6.6
		4	-	-			26.1	0.09	0.06	44.1	60.5	9.9
8/13	1322				6	-						
		1	-	-			26.7	0.09	0.08	46.9	55.8	5.1
		4	-	-			26.8	0.09	0.07	44.8	55.8	5.5
9/25	1215				5	-						
		1	-	-			26.6	0.09	0.04	41.9	51.2	3.2
		4	-	-			26.5	0.09	0.04	41.9	51.2	4.1
10/16	1200				5	-						
		1	-	-			27.3	0.09	0.05	44.7	51.2	10.0
		4	-	-			26.5	0.09	0.05	38.1	49.8	10.0
11/25	1230				0	-						
		1	-	-			22.2	2.14	0.03	45.1	48.6	10.4
		4	-	-			22.4	8.24	0.05	37.2	40.5	6.1
12/29	1215				3	-						
		1	-	-			20.4	0.79	0.03	-	46.5	10.6
		4	-	-			19.1	6.20	0.01	-	44.7	5.6

STATION 33 Depth of 7 feet 27°42' N. 82°27' W.

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958												
10/13	1410				4	-						
		1	O	-			27.2	11.31	0.05	18.6	19.8	0.8
		4	-	-			27.5	11.46	0.05	20.0	20.1	0.9
11/10	1252				6	-						
		1	O	-			25.0	8.50	0.05	12.6	16.9	0.7
		4	-	-			25.0	8.86	0.05	14.3	14.7	0.2

STATION 33 (Cont'd)

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
12/16	1400				6	-						
		1	O	-			15.6	3.93	0.03	16.0	12.1	0.8
		4	-	-			15.0	8.04	0.02	15.3	16.3	0.6
1959												
1/30	1459				5	-						
		1	O	-			21.0	0.57	0.08	9.8	10.9	0.5
		4	-	-			20.5	0.57	0.08	8.6	9.7	0.4
2/20	1540				5	-						
		1	O	-			21.7	14.09	0.03	13.8	16.4	1.1
		4	-	-			21.7	13.71	0.03	15.0	16.8	1.1
3/30	1407				7	-						
		1	O	-			22.0	10.73	0.03	14.9	17.4	1.3
		4	-	-			21.2	6.17	0.03	17.4	21.0	0.7
4/23	1330				4	-						
		1	O	-			24.7	10.81	0.07	15.5	16.5	1.0
		4	-	-			24.3	11.17	0.07	16.5	17.0	1.6
5/15	1640				6	-						
		1	O	-			28.9	12.59	0.09	16.5	18.4	0.3
		4	-	-			28.1	14.52	0.04	19.2	20.5	0.1
6/19	1345				4	-						
		1	O	-			26.7	0.09	0.13	7.3	10.3	0.5
		4	-	-			26.3	0.55	0.07	8.2	11.8	0.6
7/10	1230				5	-						
		1	O	-			28.5	0.15	0.06	7.9	10.3	0.5
		4	-	-			28.0	0.09	0.11	6.3	7.9	0.7
8/13	1423				6	-						
		1	O	-			28.0	0.09	0.11	6.9	8.2	0.8
		4	-	-			27.7	0.09	0.12	8.4	8.4	1.1
9/25	1340				5	-						
		1	O	-			28.5	0.35	0.09	12.2	13.2	0.8
		4	-	-			29.3	0.61	0.06	12.2	13.7	0.8
10/16	1350				6	-						
		1	O	-			29.2	11.37	0.04	13.6	16.3	1.2
		4	-	-			29.4	11.38	0.04	13.5	15.1	1.2
11/25	1400				0	-						
		1	O	-			22.4	6.91	0.05	12.1	12.3	0.5
		4	-	-			22.3	7.07	0.03	16.0	16.0	0.9
12/29	1350				2	-						
		1	O	-			20.1	8.12	0.09	-	-	0.4
		4	-	-			20.1	9.11	0.03	-	-	0.8

STATION 34 Depth of 4 feet 27°40' N. 82°21' W.

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958												
10/13	1445				4	-						
		1	-	-			27.2	0.09	0.05	12.2	12.8	0.8
		4	-	-			27.6	0.09	0.07	13.7	16.8	0.8
11/10	1333				6	-						
		1	-	-			23.5	0.09	0.09	8.1	8.6	0.5
		4	-	-			23.7	0.09	0.09	6.6	9.2	1.6
12/16	1435				6	-						
		1	-	-			15.0	0.04	0.02	-	8.7	0.8
		4	-	-			15.0	0.04	0.02	10.4	-	0.7
1959												
1/30	1544				4	-						
		1	-	-			21.0	0.04	0.08	9.8	12.6	0.6
		4	-	-			21.0	0.04	0.08	8.6	11.9	0.5
2/20	1610				5	-						
		1	-	-			21.1	0.09	0.05	11.2	13.0	0.9
		4	-	-			21.1	0.04	0.05	7.1	13.4	1.4
3/30	1445				7	-						
		1	-	-			21.7	0.18	0.06	8.8	10.5	0.9
		4	-	-			21.7	0.04	0.06	7.8	10.4	2.2
4/23	1400				4	-						
		1	-	-			24.7	0.15	0.11	8.6	10.6	1.5
		4	-	-			24.4	0.09	0.10	9.2	10.3	1.4
5/15	1730				6	-						
		1	-	-			28.1	0.15	0.06	13.0	16.5	0.4
		4	-	-			28.1	0.04	0.04	11.5	13.4	1.8
6/19	1420				4	-						
		1	-	-			27.0	0.04	0.10	5.3	7.0	0.3
		4	-	-			27.0	0.04	0.09	5.5	6.7	0.3
7/10	1303				9	-						
		1	-	-			26.7	0.04	0.11	6.4	7.9	0.7
		4	-	-			26.8	0.04	-	6.5	8.0	0.4
8/13	1510				6	-						
		1	-	-			27.8	0.18	0.09	7.9	8.5	1.0
		4	-	-			28.0	0.09	0.13	7.8	8.6	1.1
9/25	1435				5	-						
		1	-	-			27.5	0.04	0.08	13.8	13.8	1.6
		4	-	-			27.4	0.04	0.08	12.3	13.4	1.2
10/16	1525				4	-						
		1	-	-			28.0	0.09	0.09	11.4	11.4	2.7
		4	-	-			28.5	0.28	0.09	11.6	14.8	2.6

STATION 34 (Cont'd)

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
11/25	1505				0	-						
		1	-	-			21.0	0.42	0.08	9.9	9.9	1.7
		4	-	-			21.1	0.09	0.08	11.0	11.0	1.5
12/29	1420				2	-						
		1	-	-			19.9	0.48	0.12	-	11.2	1.4
		4	-	-			19.9	0.09	0.10	-	11.4	1.3

STATION 35 Depth of 7 feet 27°31.4' N. 82°25.8' W.

1958												
10/13	1540				2	-						
		1	-	-			27.8	5.05	0.05	9.6	13.0	0.7
		4	-	-			27.6	4.56	0.04	11.7	13.1	0.8
11/10	1355				6	-						
		1	-	-			25.0	1.18	0.11	5.9	11.0	0.9
		4	-	-			25.0	1.75	0.08	9.0	10.3	1.4
12/16	1522				6	-						
		1	-	-			15.0	0.18	0.02	8.7	11.5	6.8
		4	-	-			15.0	0.15	0.02	8.1	9.4	1.2
1959												
1/30	1655				4	-						
		1	-	-			22.5	0.18	0.09	8.1	11.8	0.6
		4	-	-			22.3	0.18	0.12	7.9	10.0	0.7
2/20	1645				5	-						
		1	-	-			23.0	2.56	0.03	9.0	10.1	0.7
		4	-	-			22.6	3.21	0.03	8.6	10.1	1.0
3/30	1530				7	-						
		1	-	-			22.0	0.40	0.06	10.9	12.8	1.0
		4	-	-			22.2	0.52	0.05	11.0	13.2	1.2
4/23	1440				4	-						
		1	-	-			25.8	4.22	0.07	7.7	9.1	0.8
		4	-	-			25.5	5.17	0.05	8.2	8.6	0.8
5/15	1800				7	-						
		1	-	-			28.1	7.94	0.05	6.8	8.1	1.6
		4	-	-			28.0	8.12	0.05	7.1	8.1	0.3
6/19	1510				4	-						
		1	-	-			27.8	0.04	0.09	6.9	10.2	0.5
		4	-	-			27.5	0.04	0.09	6.7	9.3	0.6
7/10	1359				9	-						
		1	-	-			28.2	0.04	0.10	6.1	6.9	0.4
		4	-	-			28.0	0.04	0.15	6.0	7.1	0.5
8/13	1602				6	-						
		1	-	-			28.7	0.09	0.07	9.4	9.8	1.2
		4	-	-			28.6	0.09	0.08	7.3	9.2	1.1

STATION 35 (Cont'd)

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
9/25	1508				4	-						
		1	-	-			29.0	0.04	0.06	10.9	12.4	0.9
		4	-	-			28.8	0.18	0.06	13.0	13.0	2.2
10/16	1535				6	-						
		1	-	-			29.6	0.46	0.06	10.7	10.8	1.1
		4	-	-			29.3	1.85	0.06	8.3	13.0	0.5
11/25	1525				0	-						
		1	-	-			22.5	2.77	0.05	7.8	8.9	1.0
		4	-	-			22.5	2.85	0.05	7.9	10.7	0.4
12/29	1453				2	-						
		1	-	-			20.6	3.48	0.03	-	4.7	0.9
		4	-	-			20.5	3.59	0.03	-	10.0	0.5

STATION 36 Depth of 5 feet 27°30.6' N. 82°34.4' W.

Date	Time	Depth	G. breve C.	G. breve M.	CA	Tr.	°C.	Sal.	Cu.	PO_4 In.	PO_4 Tot.	NO_3-NO_2
1958												
10/13	1620				2	-						
		1	O	-			27.7	22.92	0.04	18.0	19.6	1.2
		4	-	-			27.5	23.01	0.02	15.5	18.4	2.3
11/10	1445				2	-						
		1	O	-			24.3	23.53	0.05	10.9	10.9	0.6
		4	-	-			24.3	23.59	0.06	9.6	11.5	1.4
12/16	1607				6	-						
		1	O	-			15.8	20.50	0.01	9.0	9.8	1.7
		4	-	-			15.6	21.29	0.01	10.3	10.3	1.7
1959												
1/30	1710				4	-						
		1	O	-			22.6	14.60	0.06	10.5	11.6	1.7
		4	-	-			19.6	19.13	0.04	8.1	10.8	0.9
2/20	1734				5	-						
		1	O	-			22.6	24.29	0.02	9.7	13.0	0.4
		4	-	-			22.5	24.83	0.02	11.4	12.3	0.6
3/30	1615				7	-						
		1	O	-			22.0	15.44	0.03	8.2	9.1	2.7
		4	-	-			22.2	16.13	0.04	8.5	9.4	1.1
4/23	1525				4	-						
		1	O	-			24.5	22.81	0.05	7.7	8.6	1.0
		4	-	-			24.6	22.85	0.06	8.0	9.1	1.8
5/15	1845				9	-						
		1	O	-			28.3	24.33	0.06	9.3	10.8	1.2
		4	-	-			28.2	24.40	0.04	10.9	12.9	1.2

STATION 36 (Cont'd)

Date	Time	Depth	G. breve		CA	Tr.	°C.	Sal.	Cu.	PO_4		NO_3-
			C.	M.						In.	Tot.	NO_2
6/19	1600				2	-						
		1	O	-			28.5	2.23	0.07	10.7	13.6	1.0
		4	-	-			28.3	2.27	0.07	10.0	13.7	0.8
7/10	1445				8	-						
		1	O	-			30.5	12.27	0.06	9.8	11.6	0.5
		4	-	-			30.0	17.63	0.06	10.5	11.8	0.8
8/13	1643				6	-						
		1	O	-			29.4	1.01	0.16	12.0	14.0	2.7
		4	-	-			29.1	1.51	0.13	12.6	15.3	3.6
9/25	1550				5	-						
		1	O	-			29.0	10.75	0.03	8.0	11.6	0.1
		4	-	-			28.5	15.21	0.03	11.4	13.7	0.2
10/16	1600				6	-						
		1	O	-			29.4	21.62	0.04	8.7	13.7	0.3
		4	-	-			29.3	22.01	0.03	8.7	10.2	0.8
11/25	1615				0	-						
		1	O	-			21.5	19.52	0.03	8.8	11.4	1.0
		4	-	-			21.6	19.52	0.03	8.6	8.8	1.5
12/29	1529				4	-						
		1	O	-			19.2	23.08	0.00	-	9.1	0.5
		4	-	-			19.1	23.31	0.04	-	9.1	0.3

MS #996

☆ U.S. GOVERNMENT PRINTING OFFICE: 1961 O - 584702